

MILITARY COMMITTEE AIR STANDARDIZATION BOARD (MCASB)

16 June 2008

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MCASB

**STANAG 7131 AMLI (EDITION 3) – AIRCRAFT CLASSIFICATION NUMBER (ACN) /
PAVEMENT CLASSIFICATION NUMBER (PCN) – AEP-46(B)**

Reference: NSA(AIR)0559-AMLI/7131 dated 4 June 2007 (Edition 2).

1. The enclosed NATO Standardization Agreement, which has been ratified by nations as reflected in the **NATO Standardization Document Database (NSDD)**, is promulgated herewith.
2. The Reference listed above is to be destroyed in accordance with local document destruction procedures.
3. The MCASB, NSA considers this an editorial edition to the STANAG; previous ratifying references and implementation details are deemed to be valid.



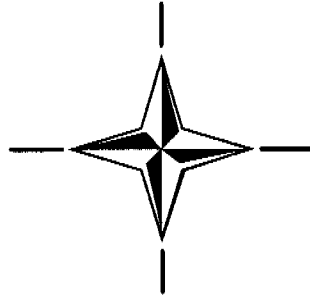
Juan A. MORENO
Vice Admiral, ESP(N)
Director, NATO Standardization Agency

Enclosure:

STANAG 7131 AMLI (Edition 3)

NATO Standardization Agency – Agence OTAN de normalisation
B-1110 Brussels, Belgium Internet site: <http://nsa.nato.int>
E-mail: air@nsa.nato.int – Tel 32.2.707.5587 – Fax 32.2.707.5718

**NORTH ATLANTIC TREATY ORGANIZATION
(NATO)**



**NATO STANDARDIZATION AGENCY
(NSA)**

**STANDARDIZATION AGREEMENT
(STANAG)**

SUBJECT: AIRCRAFT CLASSIFICATION NUMBER (ACN) / PAVEMENT
CLASSIFICATION NUMBER (PCN) – AEP-46(B)

Promulgated on 16 June 2008

A handwritten signature in black ink, appearing to read 'Juan A. Moreno', is written over a horizontal line. The signature is fluid and cursive.

Juan A. MORENO
Vice Admiral, ESP(N)
Director, NATO Standardization Agency

NATO/PfP UNCLASSIFIED

RECORD OF AMENDMENTS

No.	Reference/date of Amendment	Date entered	Signature

EXPLANATORY NOTES

AGREEMENT

1. This NATO Standardization Agreement (STANAG) is promulgated by the Director NATO Standardization Agency under the authority vested in him by the NATO Standardization Organisation Charter.
2. No departure may be made from the agreement without informing the tasking authority in the form of a reservation. Nations may propose changes at any time to the tasking authority where they will be processed in the same manner as the original agreement.
3. Ratifying nations have agreed that national orders, manuals and instructions implementing this STANAG will include a reference to the STANAG number for purposes of identification.

RATIFICATION, IMPLEMENTATION AND RESERVATIONS

4. Ratification, implementation and reservation details are available on request or through the NSA websites (internet <http://nsa.nato.int>; NATO Secure WAN <http://nsa.hq.nato.int>).

FEEDBACK

5. Any comments concerning this publication should be directed to NATO/NSA – Bvd Leopold III - 1110 Brussels - BEL.

NATO STANDARDIZATION AGREEMENT
(STANAG)

AIRCRAFT CLASSIFICATION NUMBER (ACN)/
PAVEMENT CLASSIFICATION NUMBER (PCN) - AEP-46(A)

Related Document: None

AIM

1. The aim of this agreement is to register acceptance of AEP-46(B) and all changes thereto.

AGREEMENT

2. Participating nations agree to adopt the ICAO ACN/PCN system which provides a method of classifying pavement bearing strength for aircraft above 5,700 kg (12,500 lbs) Maximum Total Weight Authorized (MTWA).

3. Participating nations agree to forward any corrections or additions to the ACN data for their respective military and civil aircraft to the custodian as their aircraft inventory changes. The custodian will incorporate the changes without being offered to the other nations for agreement. Changes to the format or general information sections will not be incorporated until they have been formally offered by the NATO AMLI to national authorities and have been agreed to by them.

IMPLEMENTATION OF THE AGREEMENT

4. This STANAG and AEP-46(B) are implemented when they have been received by the authorities and units concerned.

NATO
Aircraft Classification Numbers (ACN)/
Pavement Classification Number (PCN)

AEP-46(B)

16 June 2008

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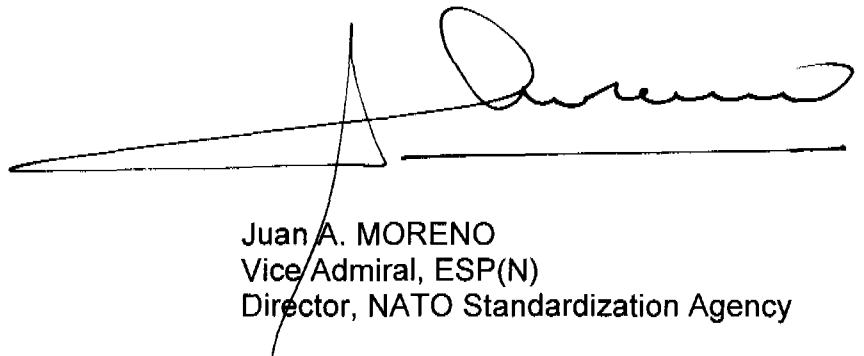
NORTH ATLANTIC TREATY ORGANIZATION

NATO STANDARDIZATION AGENCY (NSA)

NATO LETTER OF PROMULGATION

16 June 2008

1. AEP-46(B) – NATO Aircraft Classification Numbers (ACN)/ Pavement Classification Number (PCN) is a NATO/PfP UNCLASSIFIED publication. The agreement of nations to use this publication is recorded in STANAG 7131.
2. AEP-46(B) is effective upon receipt and supersedes AEP-46(A) which shall be destroyed in accordance with the local procedure for the destruction of documents.



Juan A. MORENO
Vice Admiral, ESP(N)
Director, NATO Standardization Agency

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NATIONAL LETTER OF PROMULGATION

RECORD OF CHANGES

Change Date	Date Entered	Effective Date	By whom Entered

CHAPTER/Annex	RECORD OF RESERVATION BY NATIONS

NATION	SPECIFIC RESERVATIONS

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Chapter 1. Introduction

101. Purpose

The purpose of this AEP is to publish data for both military and civil aircraft in accordance with the International Civil Aviation Organization (ICAO) Aircraft Classification Number (ACN)/ Pavement Classification Number (PCN) system.

102. Aircraft Classification Number

The ACN is a number expressing the relative effect of an aircraft on a pavement for a specified standard subgrade on a continuous scale, ranging from zero on the lower end and with no upper limit, that is computed for two pavement types (rigid or flexible), and the four standard subgrade strengths (designated as A, B, C, and D) shown in Table 1. The primary aircraft characteristics used to calculate an ACN are weight on the main gear and tire spacing. Tire pressure of the main gear tires is reported, but is a secondary factor. Tire pressure codes are in Table 2.

Table 1. Standard Subgrade Strength Designations

Letter Description	Designation	Rigid K in MN/m ³	Flexible CBR in %
A	High	K>120	CBR>13
B	Medium	60<K<120	8<CBR<13
C	Low	25<K<60	4<CBR<8
D	Ultra Low	K<25	CBR<4

Table 2. Tire Pressure Codes

Code	Category	Tire Pressure MPA
W	High	No Limit
X	Medium	Limit up to 1.5
Y	Low	Limit up to 1.0
Z	Very Low	Limit up to 0.5

- a. **Example Determination of ACN.** A C-130 operating at a mass of 60,000 kg on a rigid pavement with a subgrade K of 50MN/m³ and operating at a tire pressure of 0.5 MPa has an ACN of 27/R/C/Z. The same C-130 operating on a flexible pavement with a subgrade CBR of 10 has an ACN of 24/F/B/Z.
- b. **Adjustment in ACN due to increase/decrease in tire pressure.** As indicated above, tire pressure is a secondary factor in determining an ACN, however, procedures exist to determine the increase or decrease in ACN if the aircraft is operating at a tire pressure different than the tire pressure used to determine the ACN. The adjusted ACN can be used if unusual conditions, such as a thin asphalt surface or weak upper pavement layer, exist. Figures 1 and 2 are used to adjust the ACN for flexible pavements and Figure 3 is used for rigid pavements. On flexible pavements, it is assumed that adjustments will only be one category, as shown in Table 3.

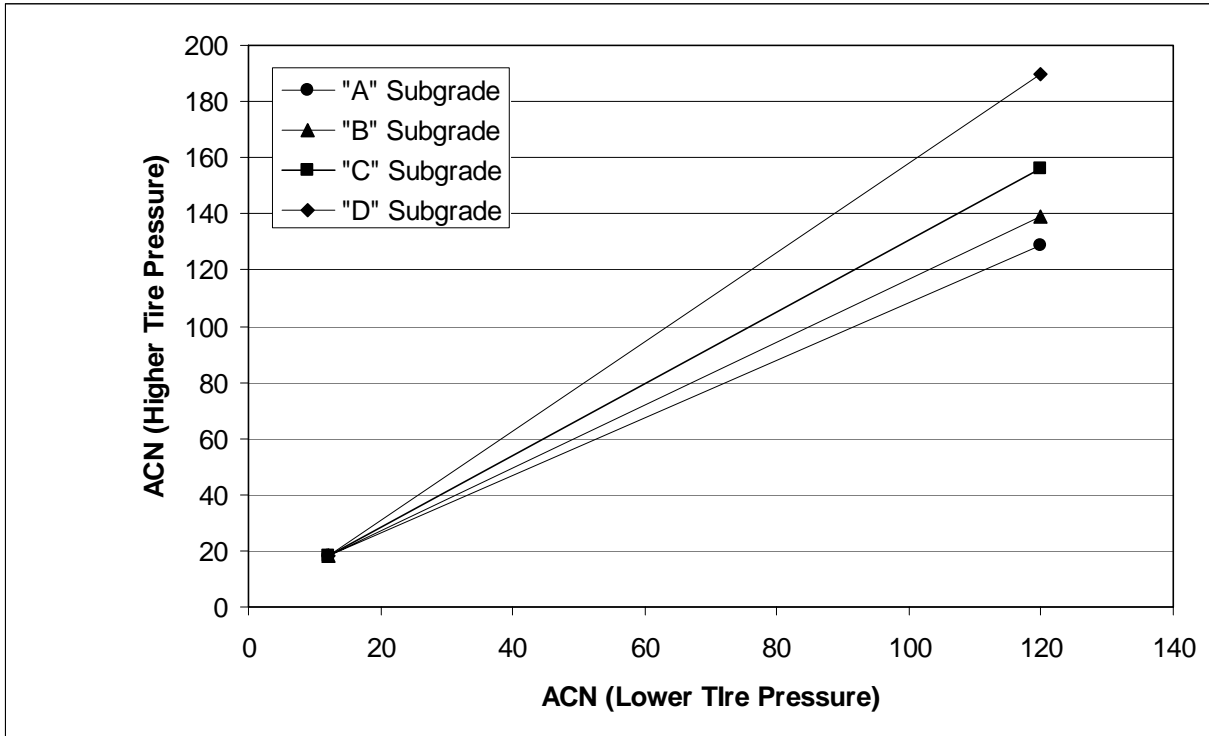


Figure 1. Adjusting Flexible Pavement ACN Due to Increase/Decrease in Tire Pressure (Z to Y or Y to Z)

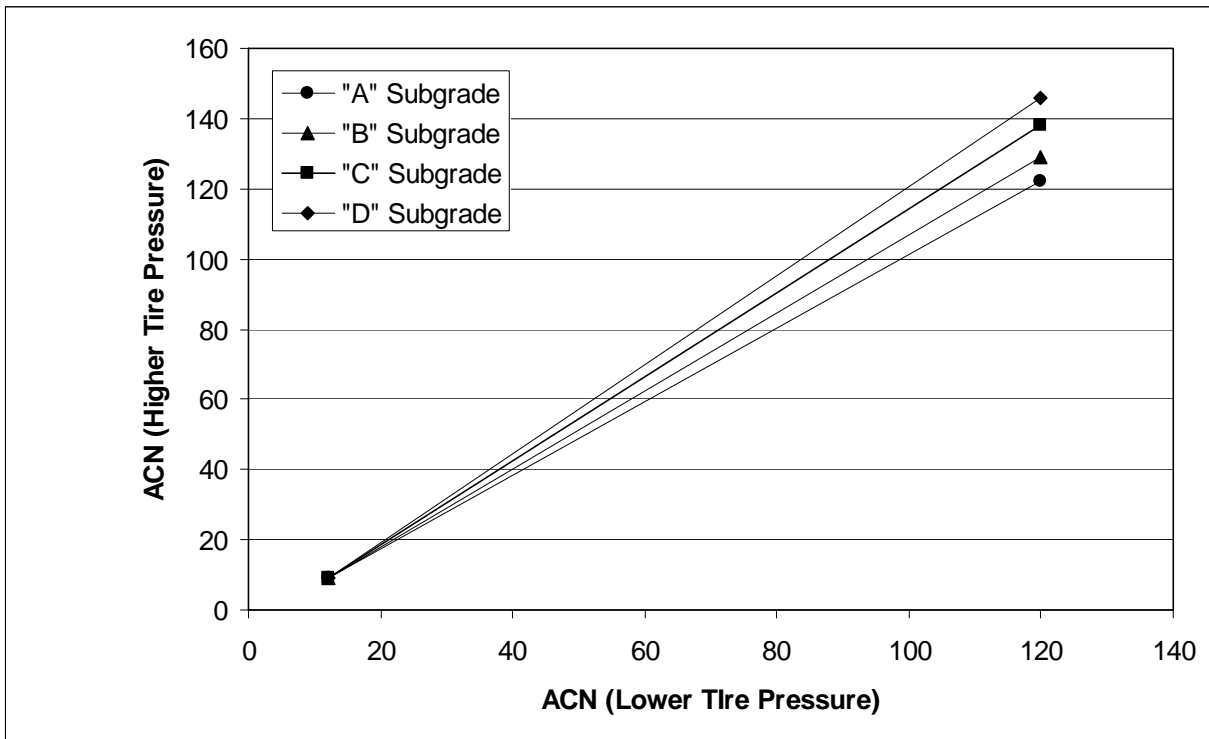


Figure 2. Adjusting Flexible Pavement ACN Due to Increase/Decrease in Tire Pressure (Y to X, X to Y, X to W, W to X)

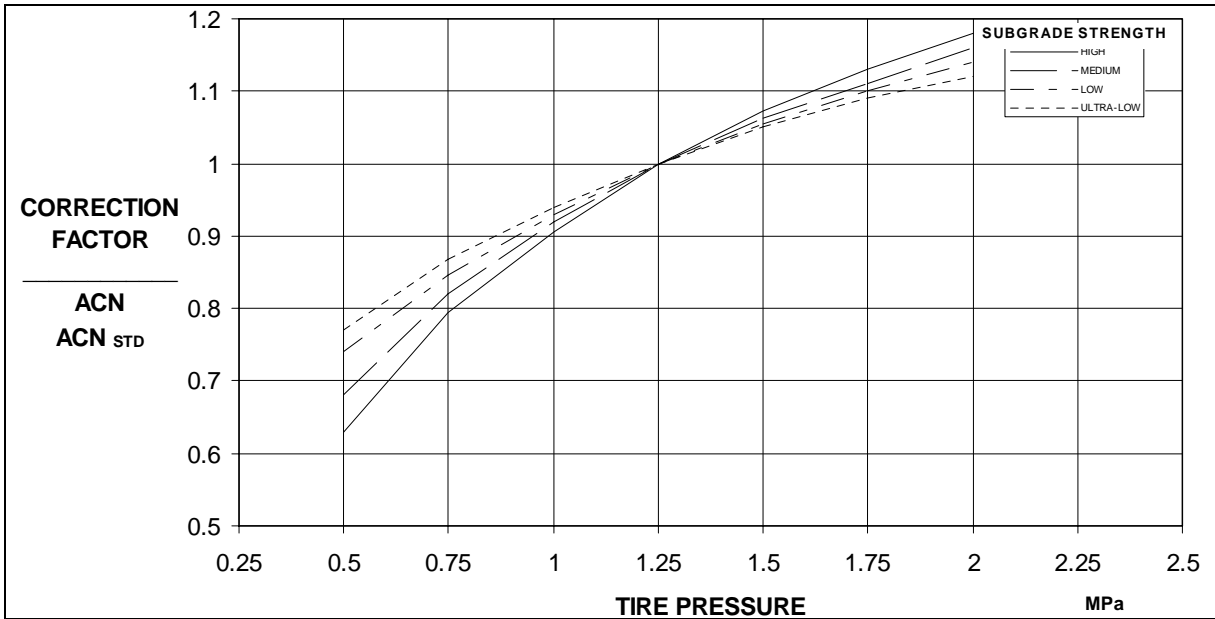


Figure 3. Adjusting ACN for Changes in Tire Pressure

c. Examples of Adjustment in ACN due to Tire Pressure.

- (1)Flexible Pavement. The ACN for an F-16 was determined to be 16/F/A using a tire pressure of 2.25 MPa. Using Figure 2 the ACN will be 14/F/A, if the tire pressure is reduced to 1.4 MPa.
- (2)Rigid Pavement. An aircraft operating at a tire pressure of 1.25 MPa on a medium strength subgrade has an ACN of 50/R/B. The ACN will be 53/R/B if the tire pressure is increased to 1.5 MPa (Enter Figure 3 with a tire pressure of 1.5 MPA and proceed vertically until the medium subgrade is intercepted. Proceed horizontally and read a Correction Factor of 1.06. $50 \times 1.06 = 53$).

103. Pavement Classification Number.

The PCN is reported as a five-part code, as shown in Table 3. The first 4 parts of the code are similar to the ACN code, i.e., a numerical PCN value, pavement type, subgrade strength, and tire pressure used in calculation of the numerical PCN. The fifth part identifies that the PCN was determined by a technical evaluation (T) or was based on past experience of aircraft used on the pavement (U).

Table 3. PCN Code

PCN Numeric Value	Pavement Type	Subgrade Strength	Allowable Tire Pressure	Method of PCN Determination
31	Flexible	A	W	T
	Rigid	B	X	U
		C	Y	
		D	Z	

- a. **Example of Reporting PCN.** A flexible pavement with a subgrade CBR of 7, a numeric value of 31 determined by a technical method, and having an allowable tire pressure or 1.6 MPa is reported as **31/F/C/W/T**.

b. **Publication.** PCN values, details of the coded format, and operating procedures are published in the relevant national documents (e.g. MILAIP, En Route Supplement).

104. How to use ACN/PCN

The PCN value of the pavement is compared to the ACN of the aircraft, using the appropriate pavement type and subgrade strength. If the ACN/PCN ratio is equal to or less than 1.0, the aircraft can safely operate for unlimited passes.

105. Overload Guidance

If the PCN is less than the ACN the pavement will be overloaded; however, there are situations, such as contingencies and emergencies, when it is acceptable to overload the pavement. Pavement life will be reduced. The following general guidelines in Table 4 can be used to determine extent of operations in an overload situation.

Table 4. Overload Guidance

ACN/PCN Ratio	Guidance
<1	Unlimited Passes
1.0-1.25	Continue Operations but Monitor Distress
1.25-1.5	Limited to 10 Passes
>1.5	Emergencies Only

106. Source of ACN Chart Data

The ACN data in Chapter 2 was provided by the following three sources:

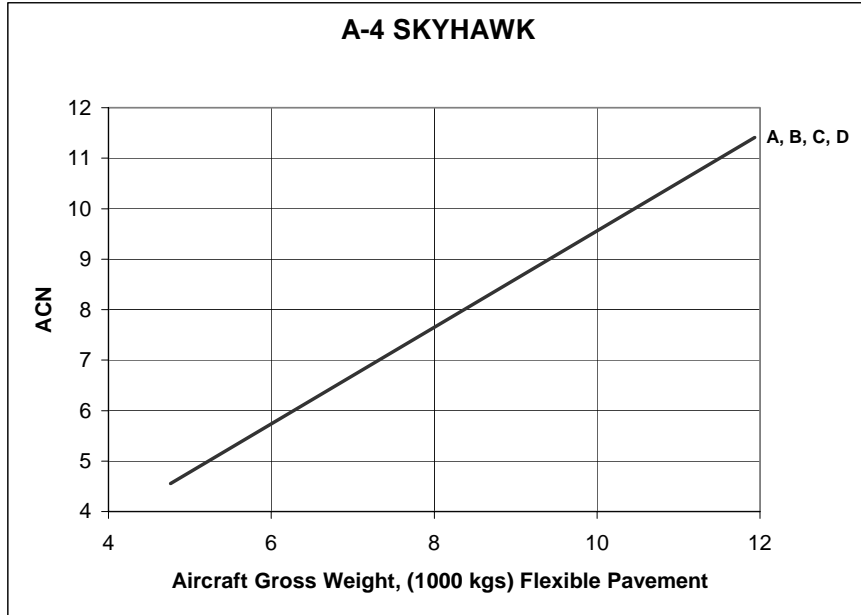
- a. Air Force Civil Engineer Support Agency (AFCESA). A database developed and maintained by the US Air Force using data provided by NATO nations, Australia and New Zealand.
- b. Pavement-Transportation Computer-Assisted Structural Engineering (PCASE). A database developed and maintained by the US Army Waterways Experiment Station (WES).
- c. National Updates. Data updated by nations when AEP-46A drafts were circulated for review and comment.

The most recent source of ACN chart data is noted for each aircraft as AFCESA, PCASE, or nation such as CAN, CZE, GBR, and the date.

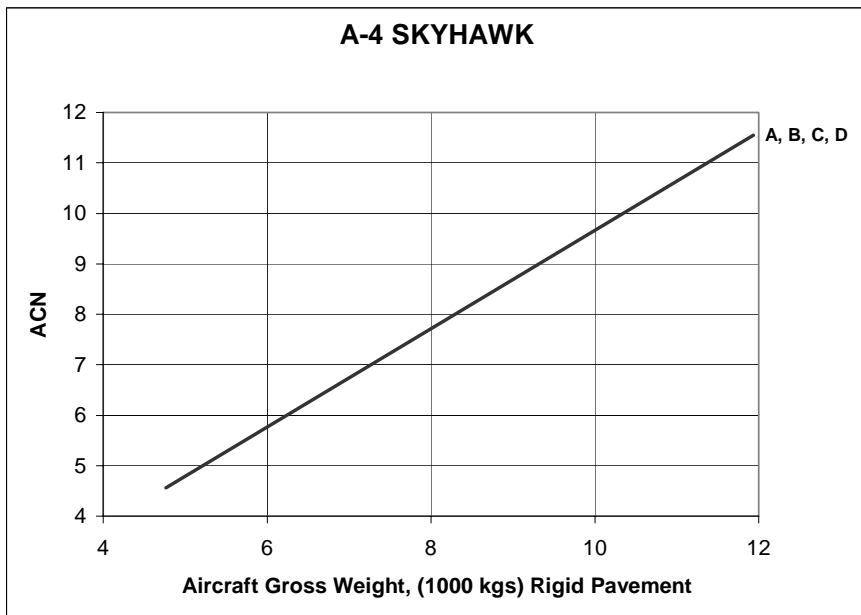
Chapter 2. ACN Charts

The following ACN charts are based on the maximum and minimum aircraft weight:

A-4 SKYHAWK



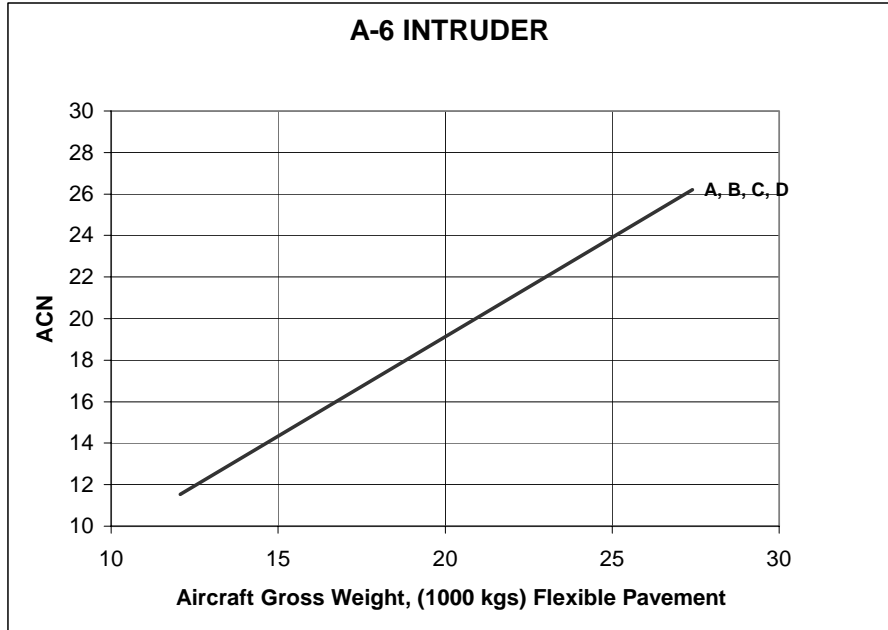
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.8 MIN	4.6	4.6	4.6	4.6
11.9 MAX	11.4	11.4	11.4	11.4



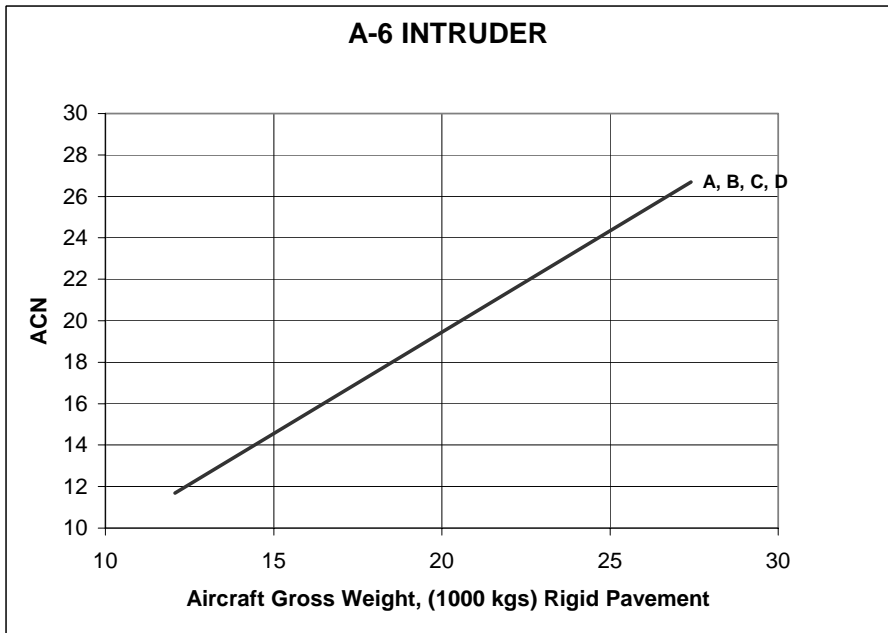
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.8 MIN	4.6	4.6	4.6	4.6
11.9 MAX	11.6	11.6	11.6	11.6

SOURCE: PCASE 2003

A-6 INTRUDER



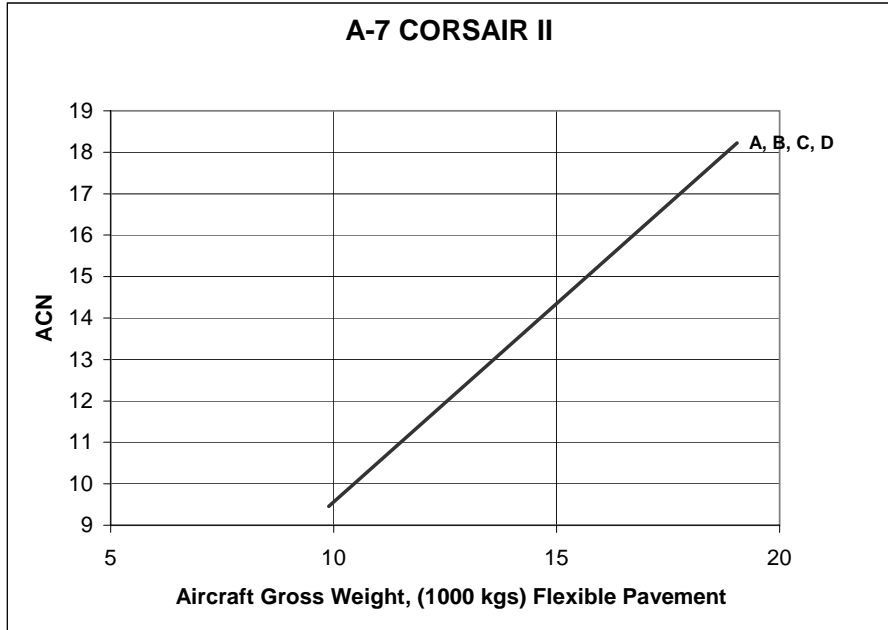
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.1 MIN	11.5	11.5	11.5	11.5
27.4 MAX	26.2	26.2	26.2	26.2



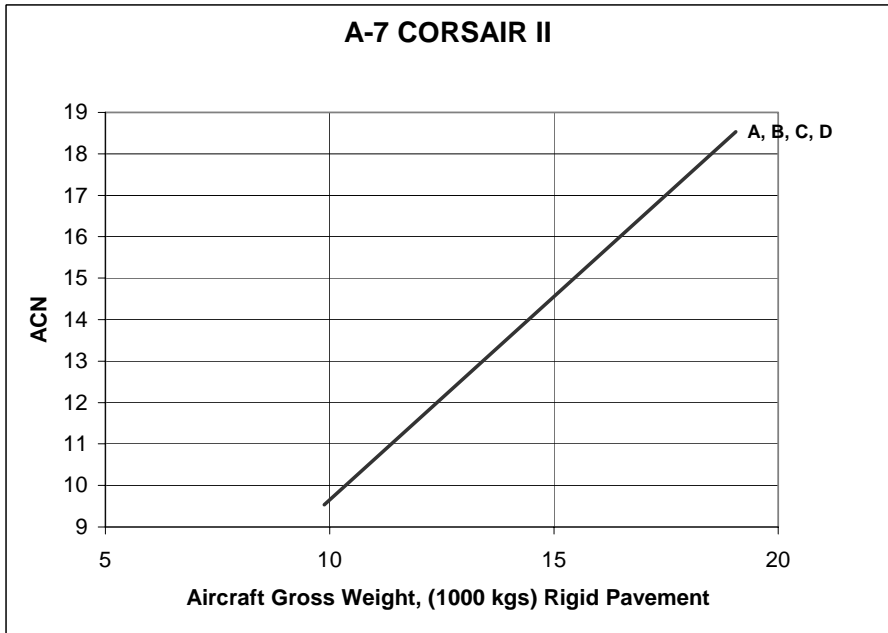
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.1 MIN	11.7	11.7	11.7	11.7
27.4 MAX	26.7	26.7	26.7	26.7

SOURCE: PCASE 2003

A-7 CORSAIR II



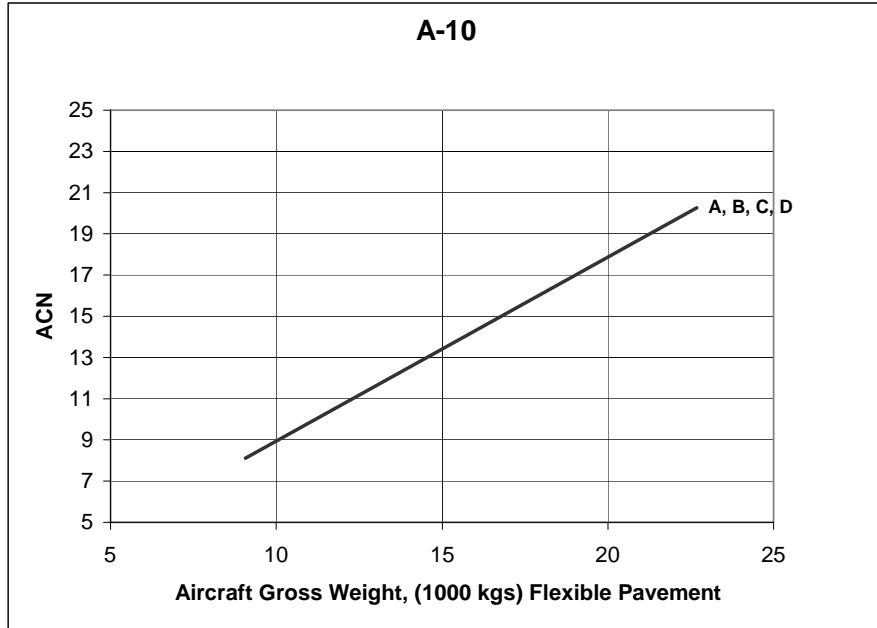
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.9 MIN	9.5	9.5	9.5	9.5
19 MAX	18.2	18.2	18.2	18.2



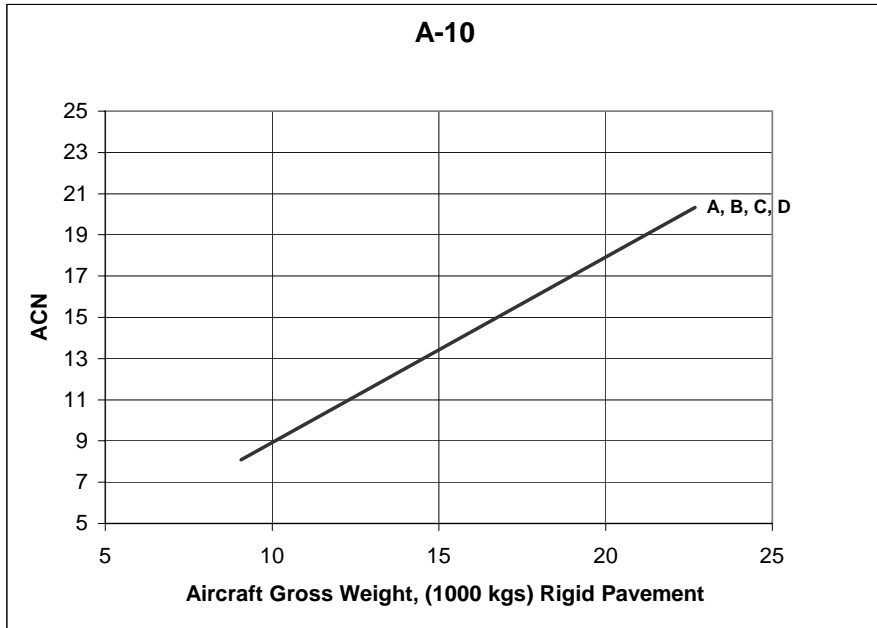
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.9 MIN	9.5	9.5	9.5	9.5
19 MAX	18.5	18.5	18.5	18.5

SOURCE: PCASE 2003

A-10 THUNDERBOLT



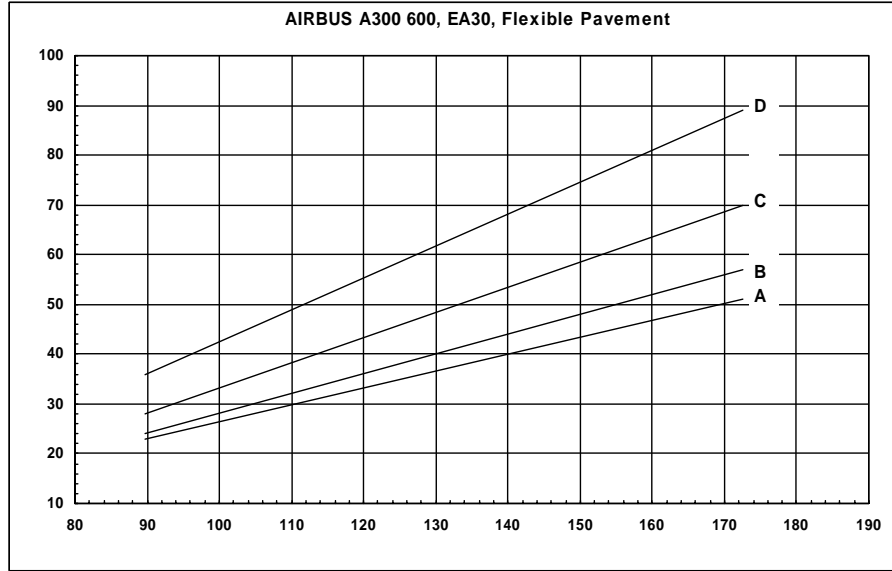
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.1 MIN	8.1	8.1	8.1	8.1
22.7 MAX	20.3	20.3	20.3	20.3



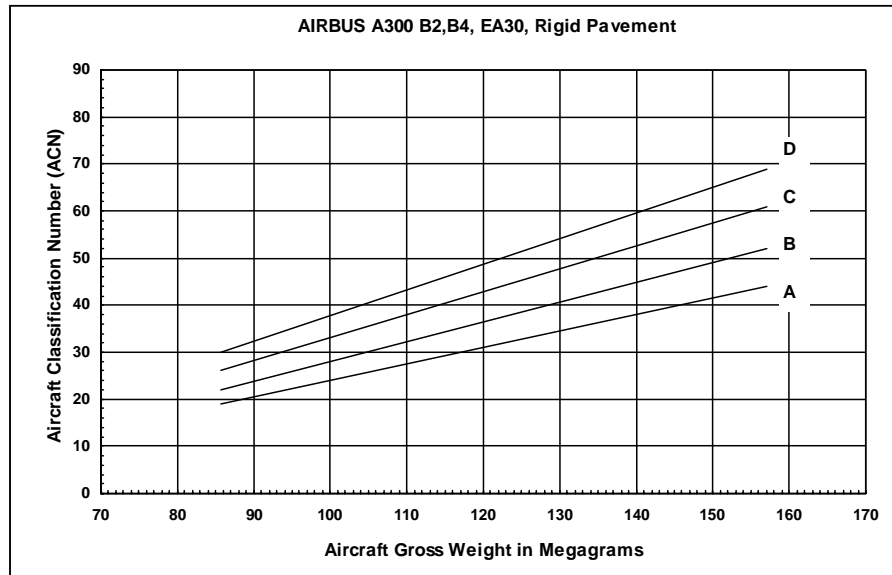
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.1 MIN	8.1	8.1	8.1	8.1
22.7 MAX	20.3	20.3	20.3	20.3

SOURCE: PCASE 2003

AIRBUS A300 600, EA30



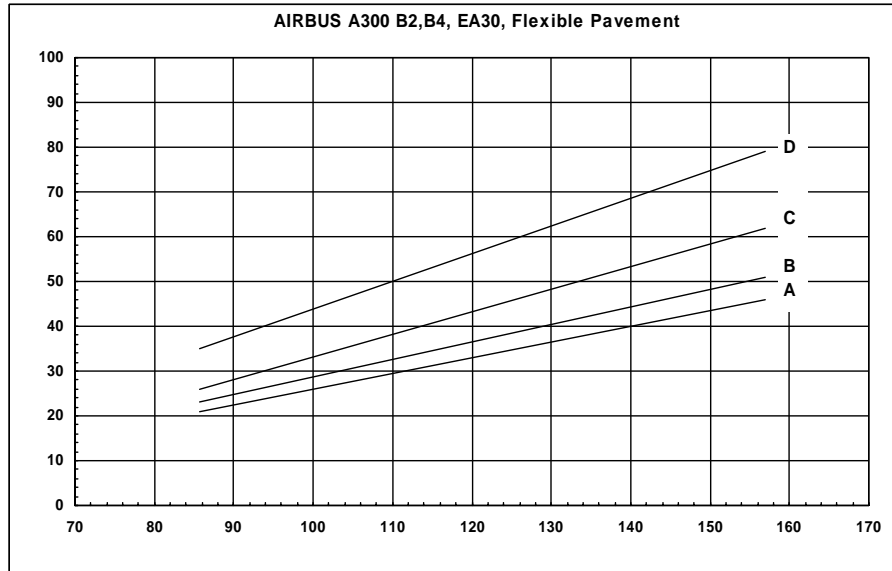
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
89.669	23	24	28	36
172.6	51	57	70	89



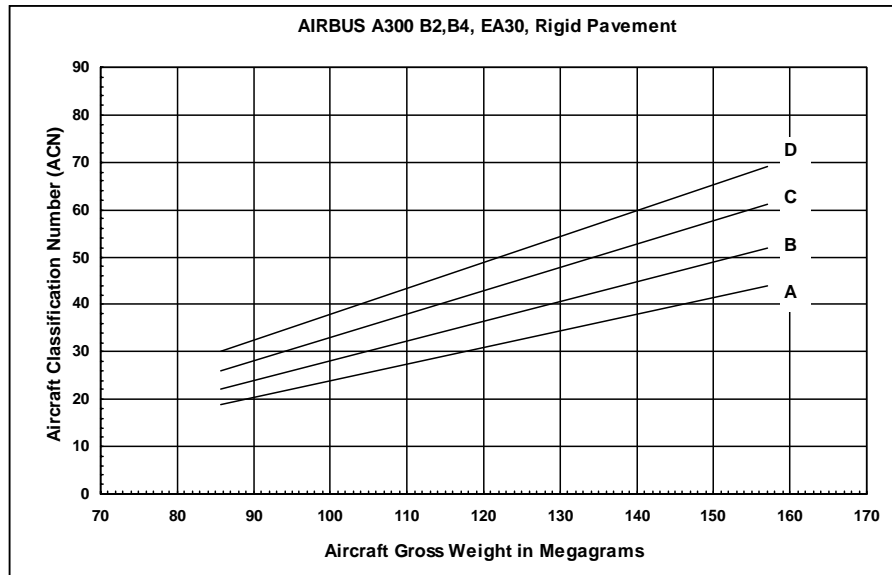
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
89.669	21	24	28	33
172.6	49	59	69	76

SOURCE: AFCESA 2002

AIRBUS A300 B2, B4, EA30



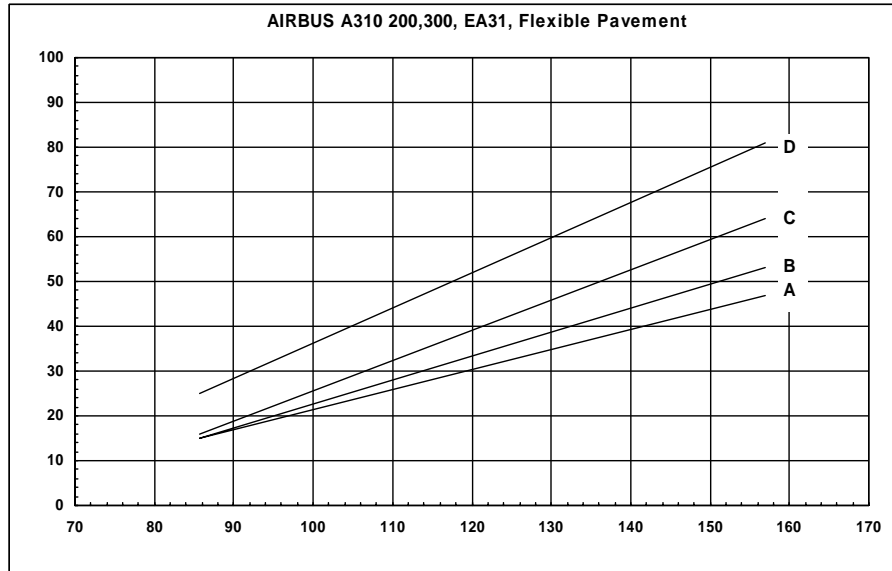
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
85.69	21	23	26	35
157	46	51	62	79



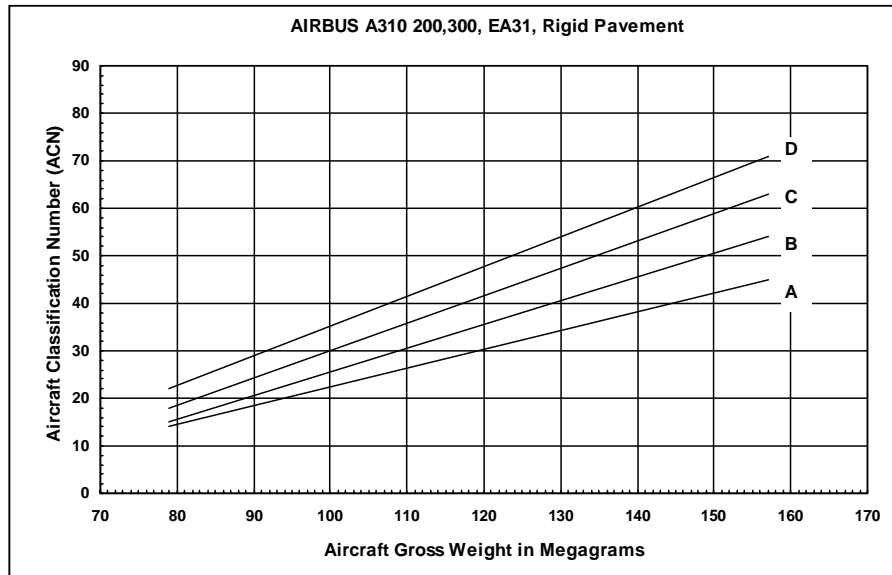
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
85.69	19	22	26	30
157	44	52	61	69

SOURCE: AFCESA 2002

AIRBUS A310 200, 300, EA31



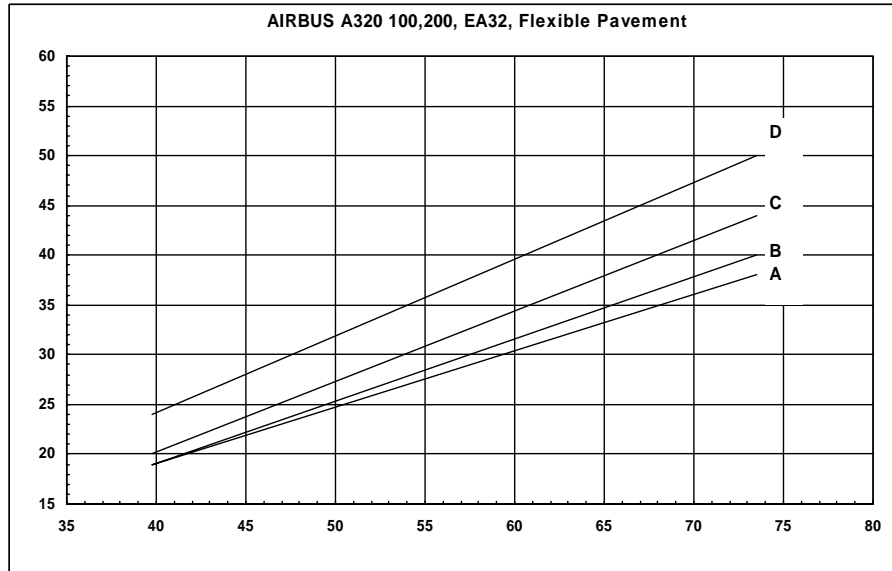
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
85.69	15	15	16	25
157	47	53	64	81



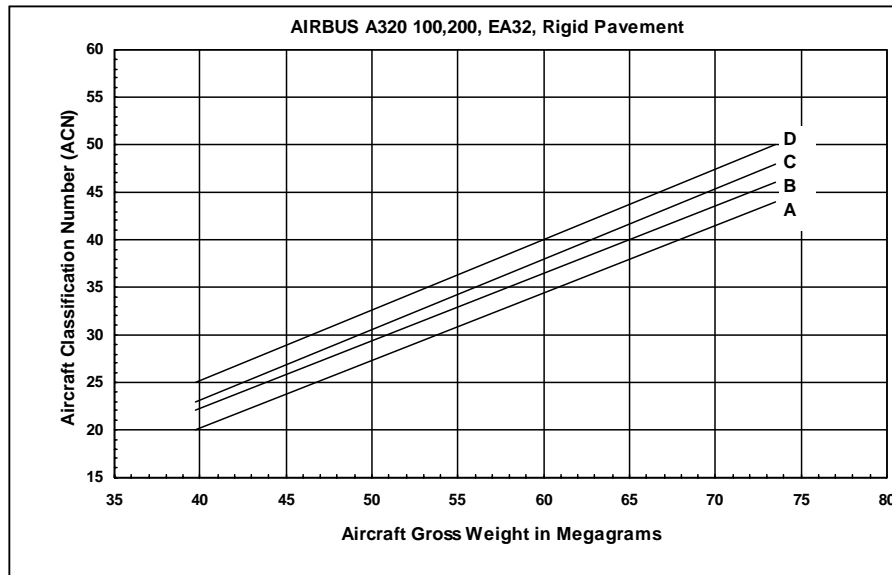
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
78.9	14	15	18	22
157	45	54	63	71

SOURCE: AFCESA 2002

AIRBUS A320 100, 200, EA32



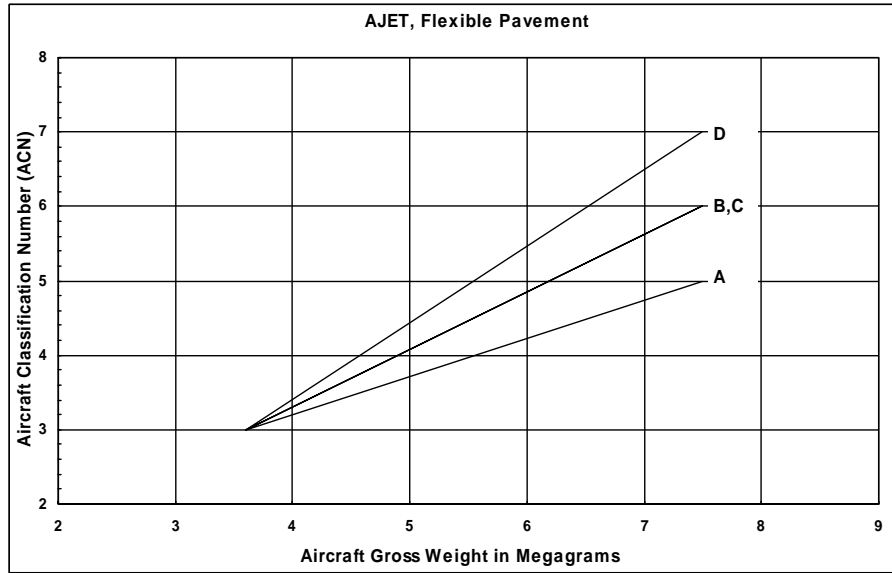
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
39.748	19	19	20	24
73.5	38	40	44	50



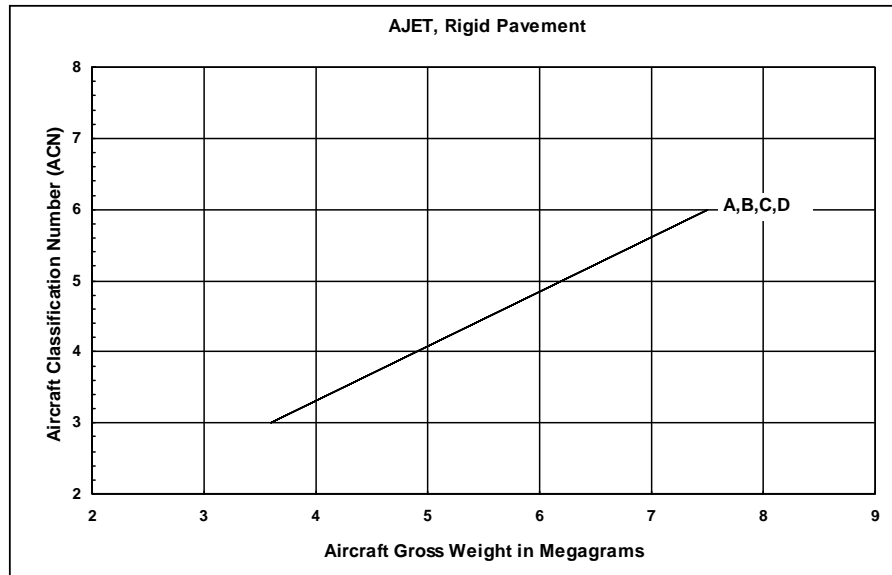
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
39.748	20	22	23	25
73.5	44	46	48	50

SOURCE: AFCESA 2002

AJET



ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.6	3	3	3	3
7.5	5	6	6	7



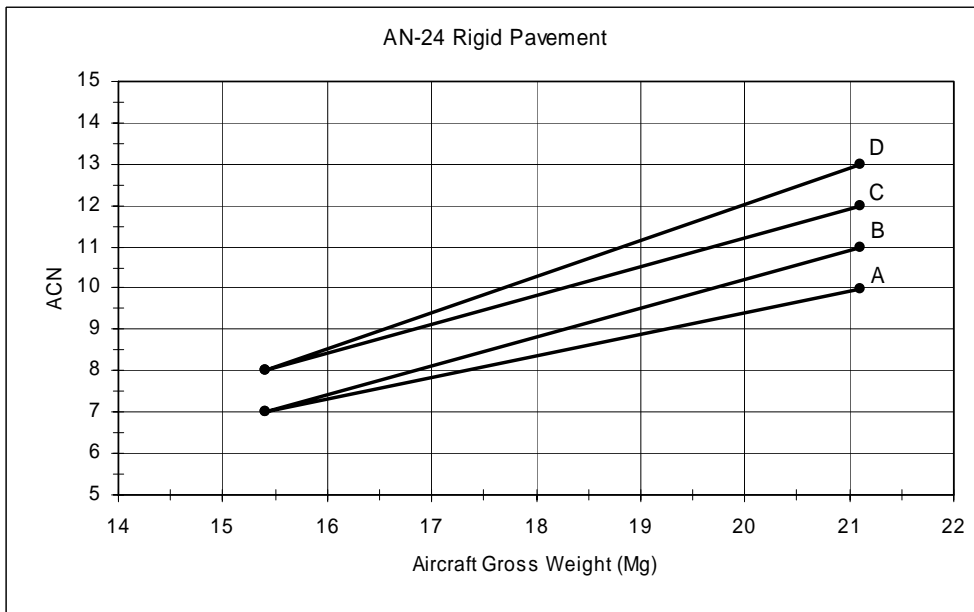
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.6	3	3	3	3
7.5	6	6	6	6

SOURCE: AFCESA 2002

AN-24



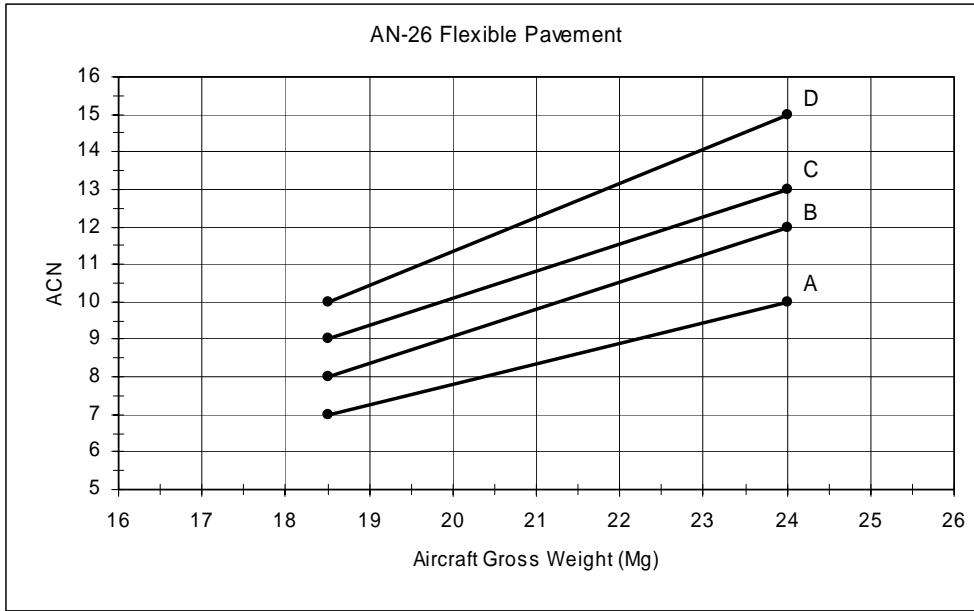
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (>120)	B (60-120)	C (25-60)	D (<25)
15.4	6	7	7	9
21.1	9	10	12	13



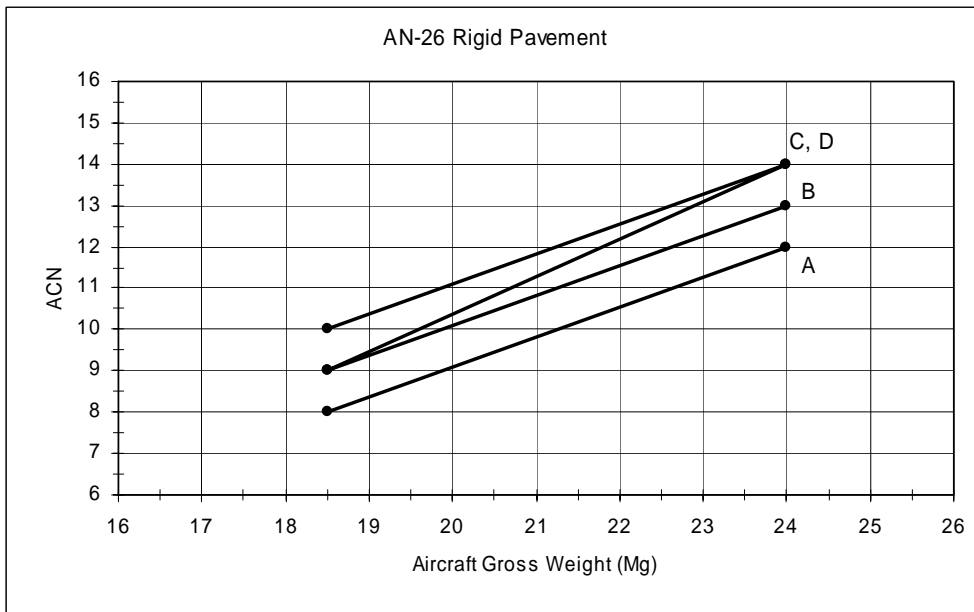
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
15.4	7	7	8	8
21.1	10	11	12	13

SOURCE: CZE 4/13/2005

AN-26



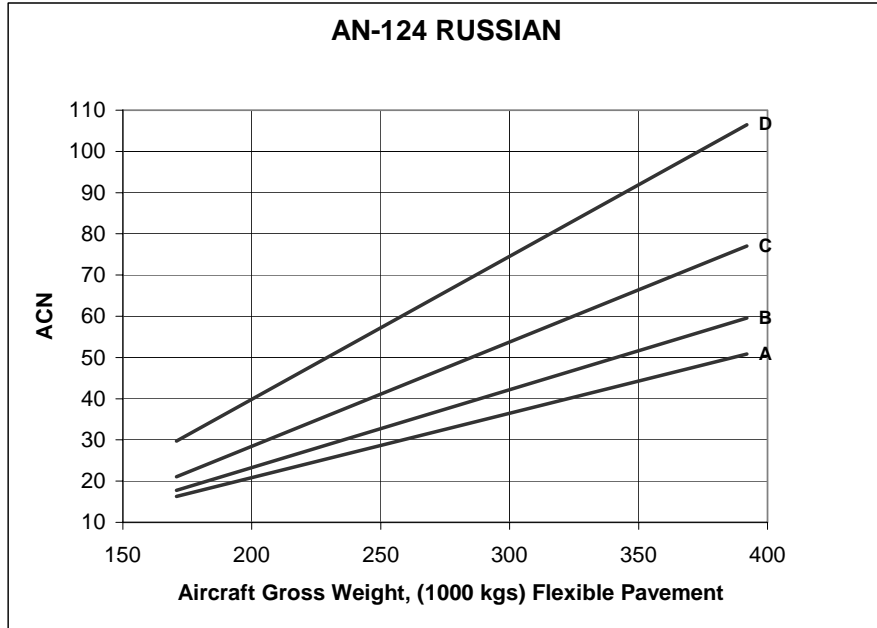
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
18.5	7	8	9	10
24.0	10	12	13	15



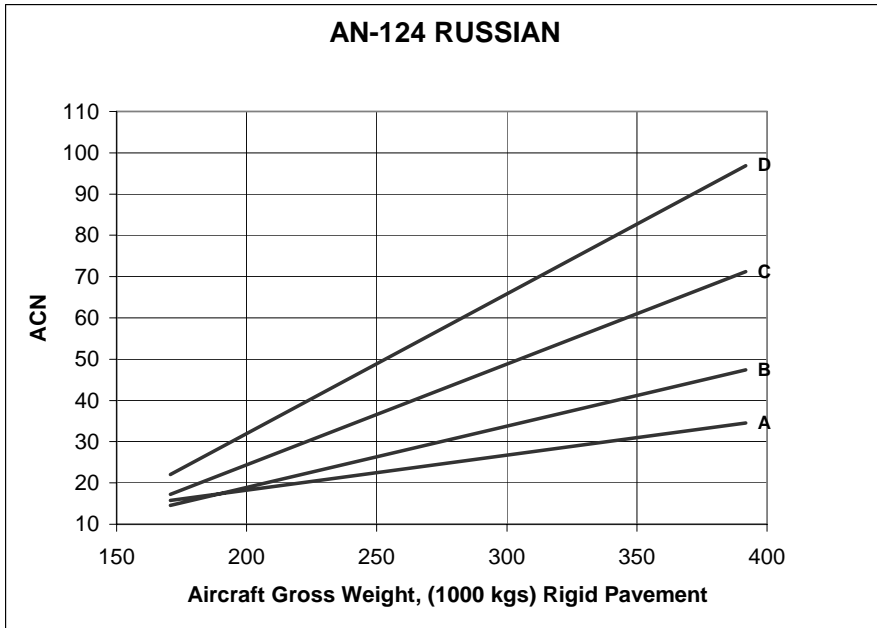
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
18.5	8	9	9	10
24.0	12	13	14	14

SOURCE: CZE 4/13/2005

AN-124 RUSSIAN



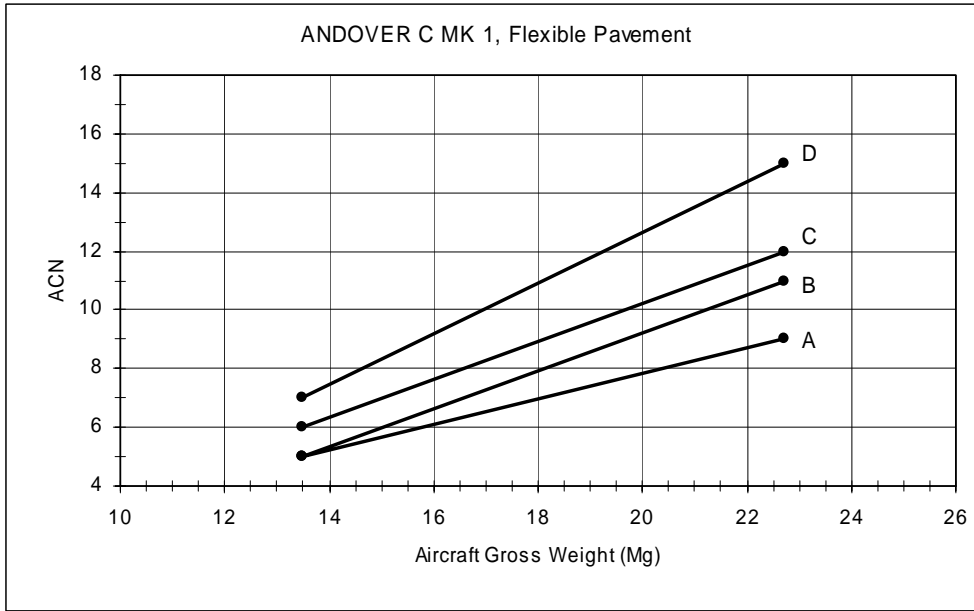
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
170.7 MIN	16.3	17.8	21.1	29.7
391.9 MAX	50.8	59.6	77.0	106.5



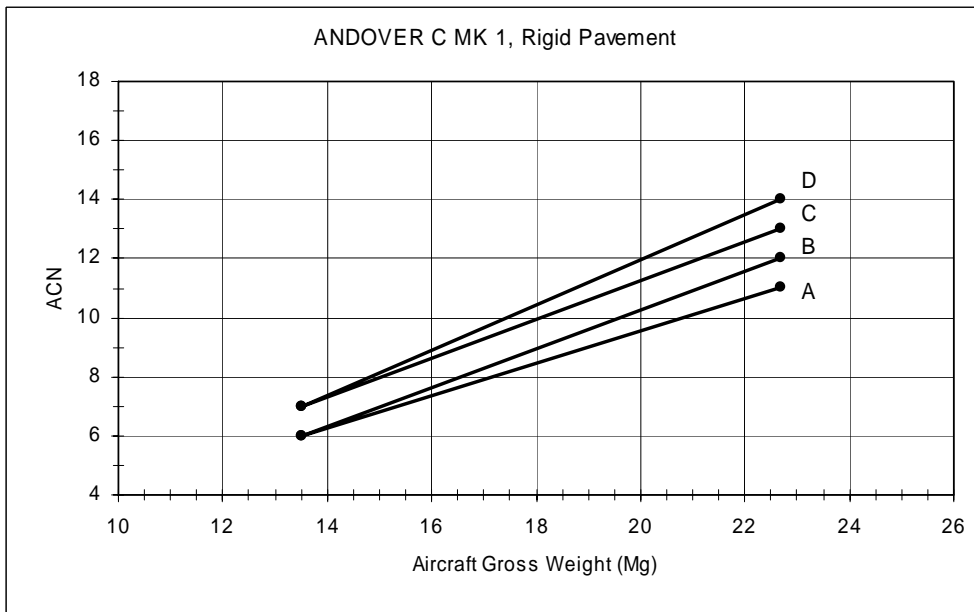
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
170.7 MIN	15.8	14.5	17.2	22.0
391.9 MAX	34.5	47.5	71.2	96.9

SOURCE: PCASE 2003

ANDOVER C Mk 1



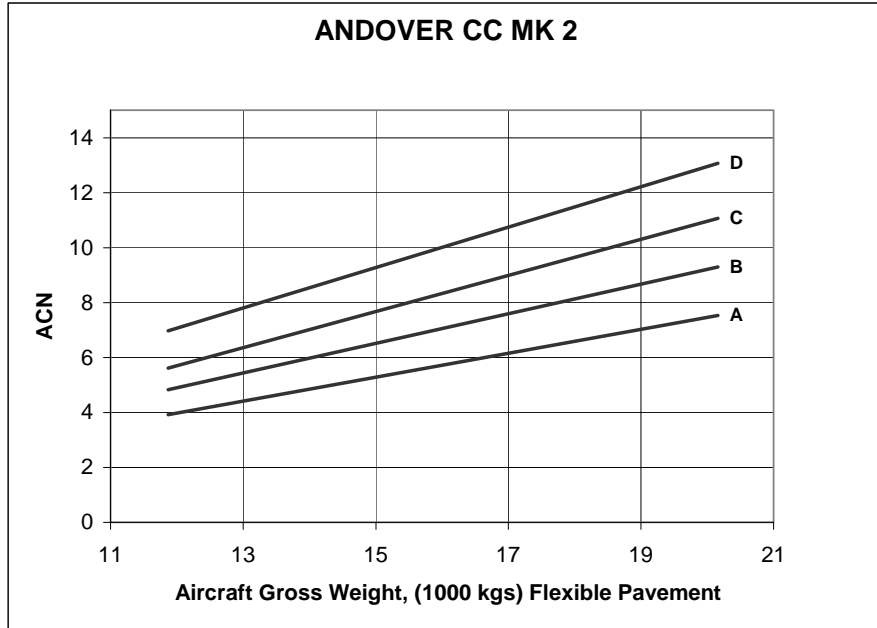
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
13.5	5	5	6	7
22.7	9	11	12	15



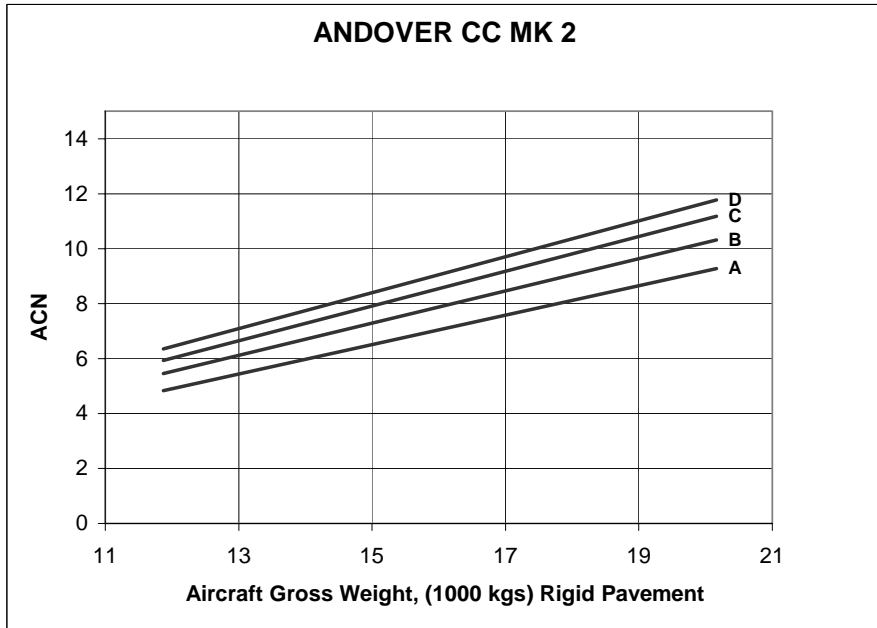
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
13.5	6	6	7	7
22.7	11	12	13	14

SOURCE: GBR 6/28/2005

ANDOVER CC MK 2



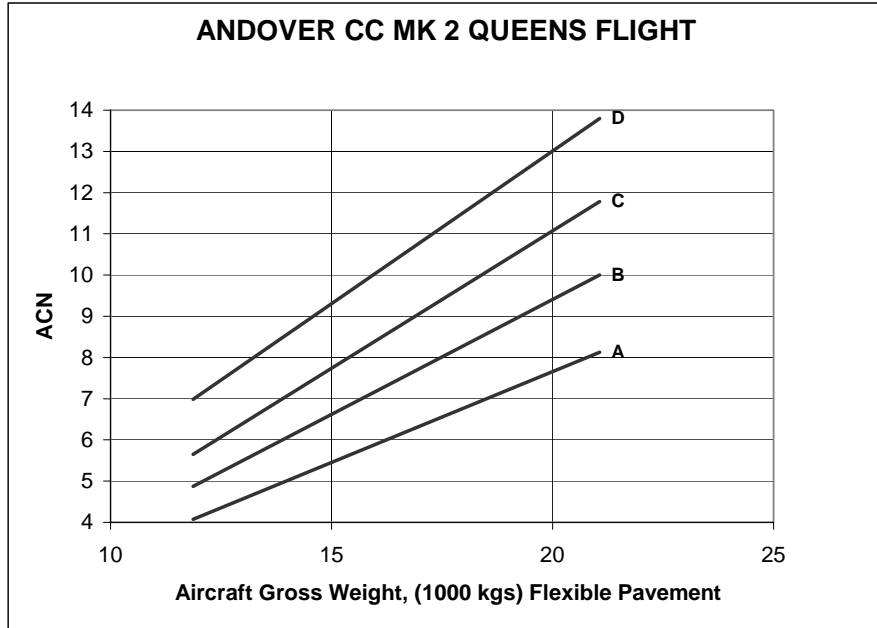
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
11.9 MIN	3.9	4.8	5.6	7.0
20.2 MAX	7.5	9.3	11.1	13.1



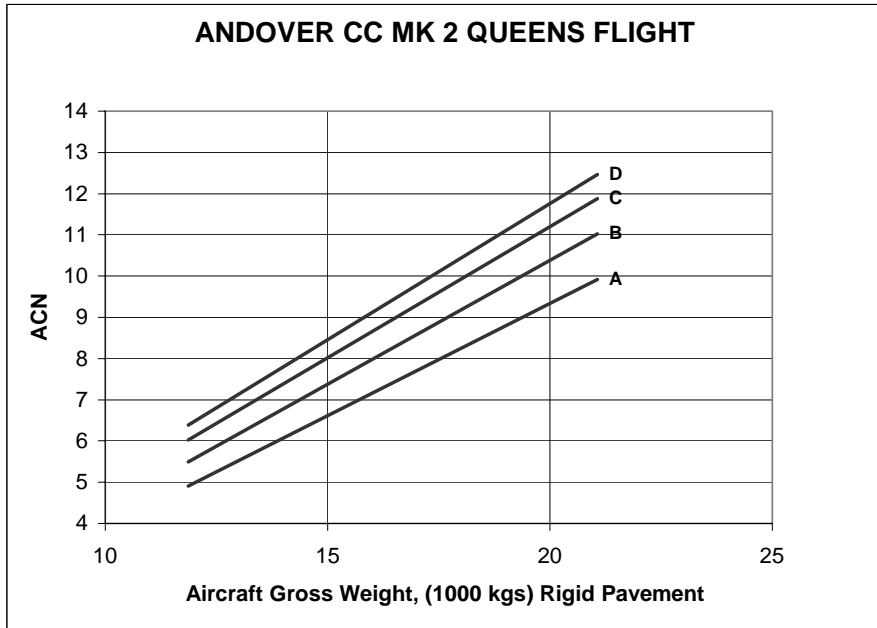
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.9 MIN	4.8	5.4	5.9	6.3
20.2 MAX	9.3	10.3	11.2	11.8

SOURCE: PCASE 2003

ANDOVER CC MK 2 QUEENS FLIGHT



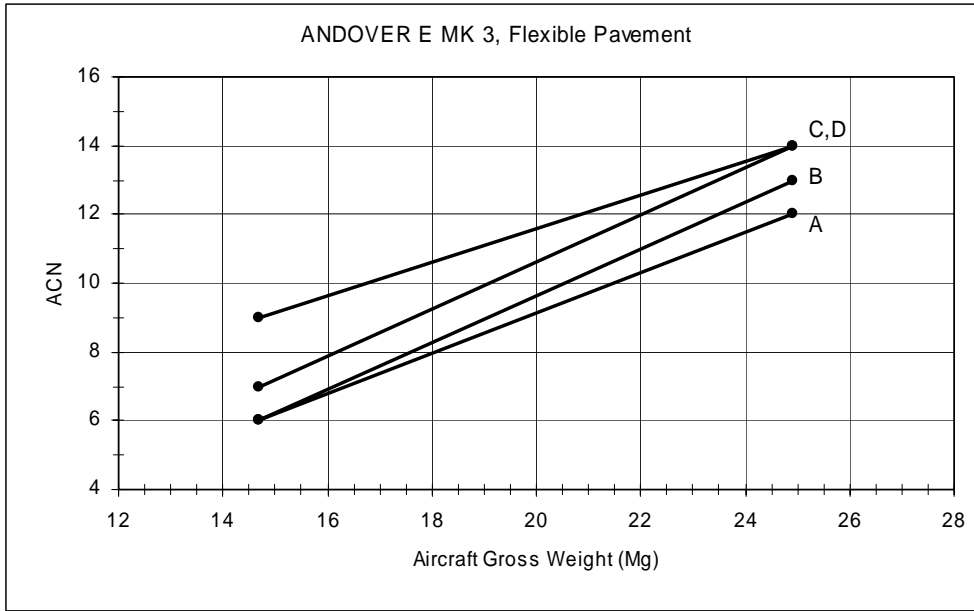
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
11.9 MIN	4.1	4.9	5.7	7.0
21.1 MAX	8.1	10.0	11.8	13.8



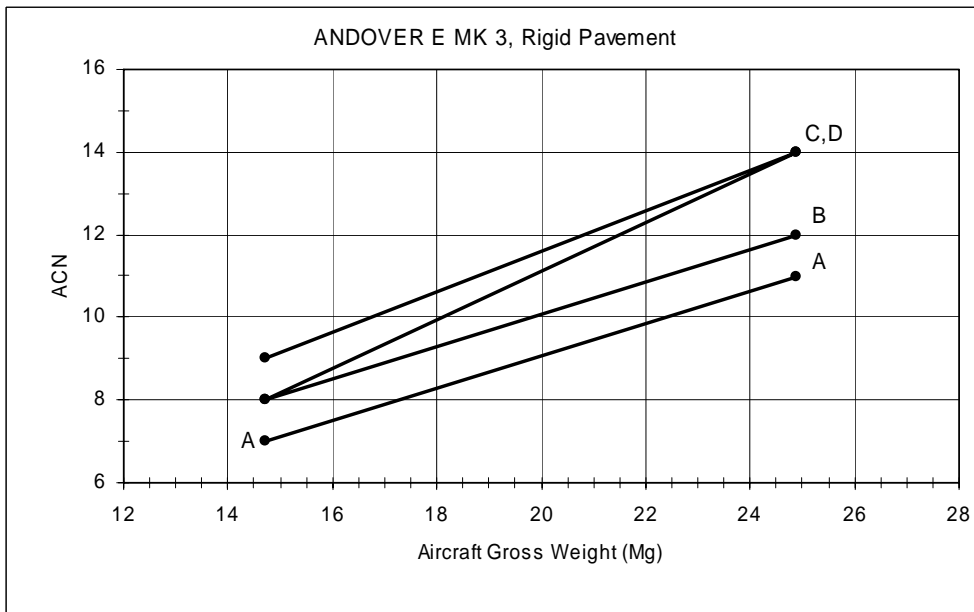
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.9 MIN	4.9	5.5	6.0	6.4
21.1 MAX	9.9	11.0	11.9	12.5

SOURCE: PCASE 2003

ANDOVER E Mk 3



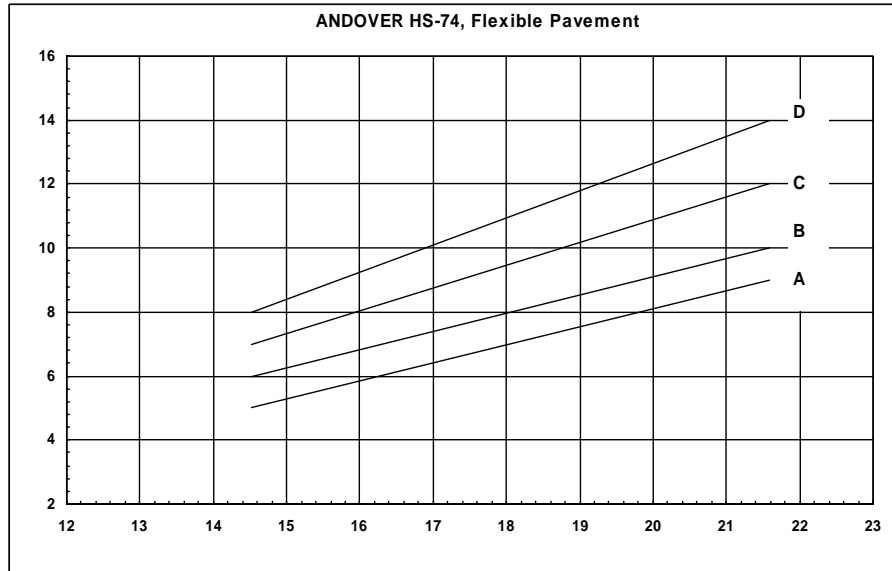
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
14.7	6	6	7	9
24.9	12	13	14	14



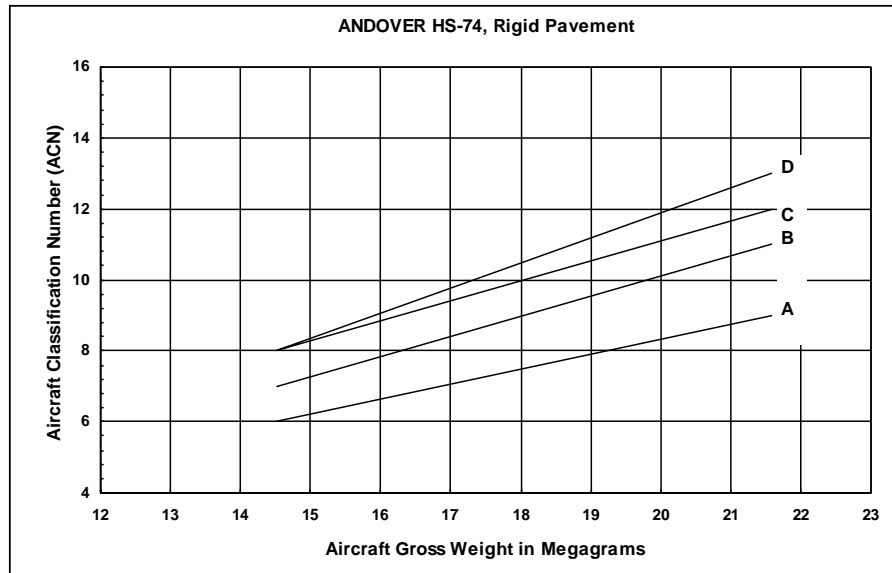
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
14.7	7	8	8	9
24.9	11	12	14	14

SOURCE: GBR 6/28/2005

ANDOVER HS-748



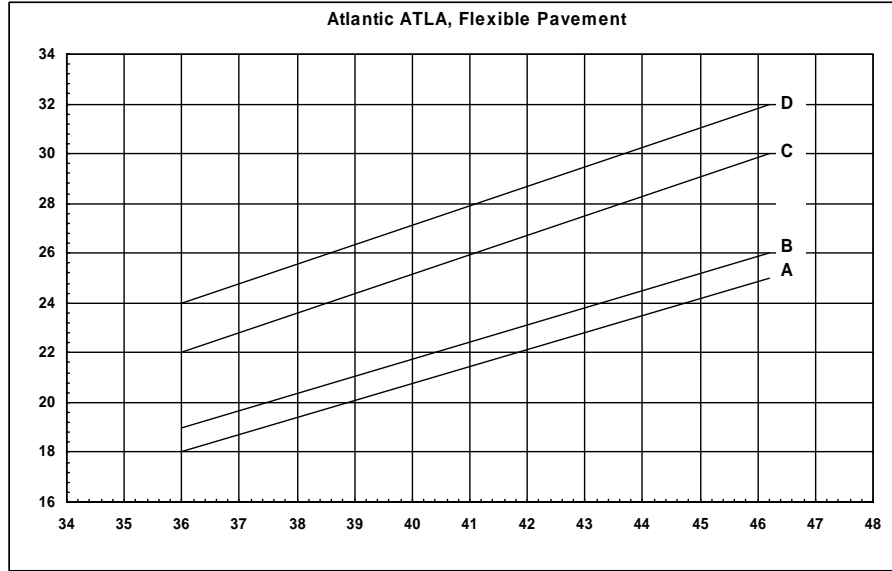
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.515	5	6	7	8
21.591	9	10	12	14



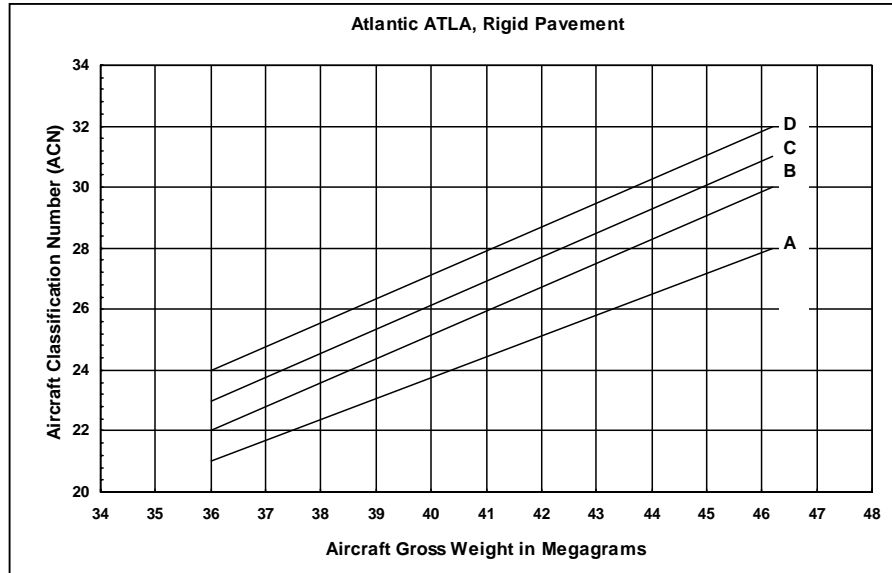
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.515	6	7	8	8
21.591	9	11	12	13

SOURCE: AFCESA 2002

Atlantic ATLA



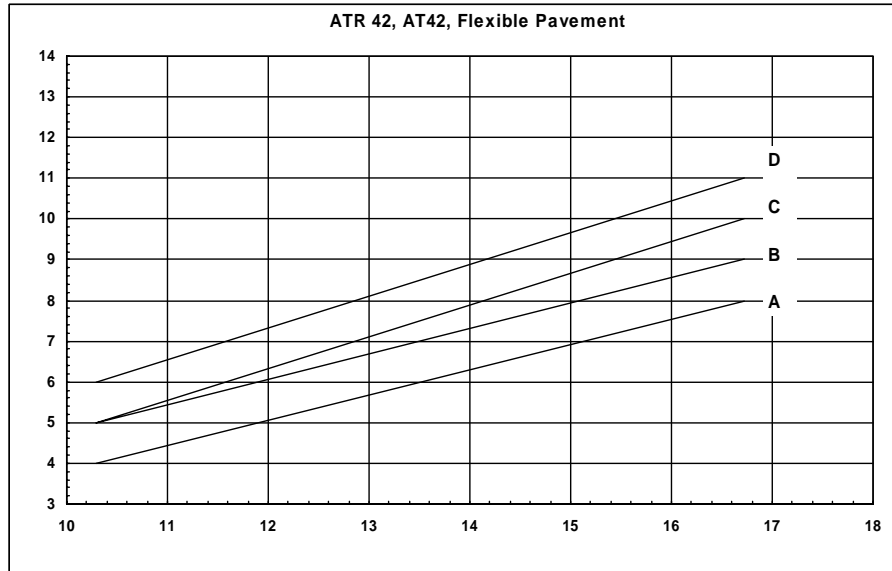
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
36	18	19	22	24
46.2	25	26	30	32



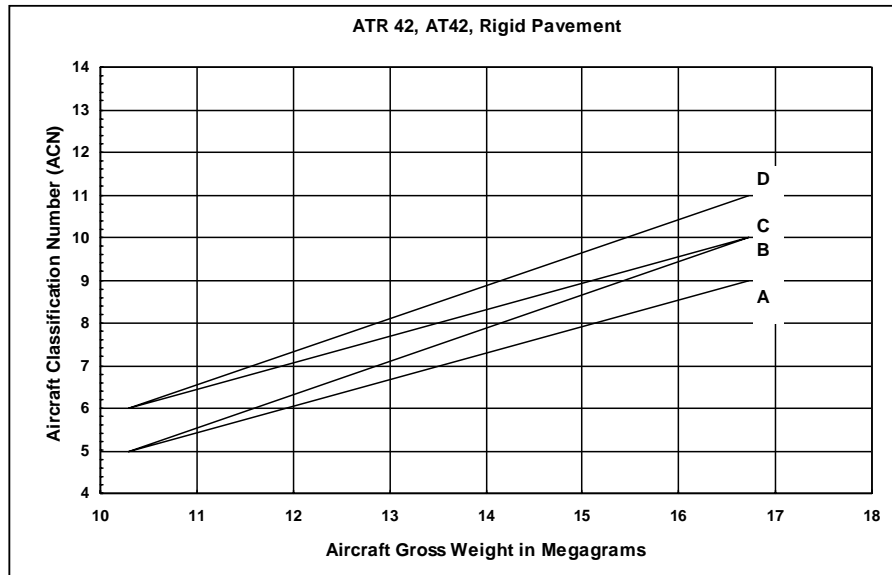
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
36	21	22	23	24
46.2	28	30	31	32

SOURCE: AFCESA 2002

ATR 42, AT42



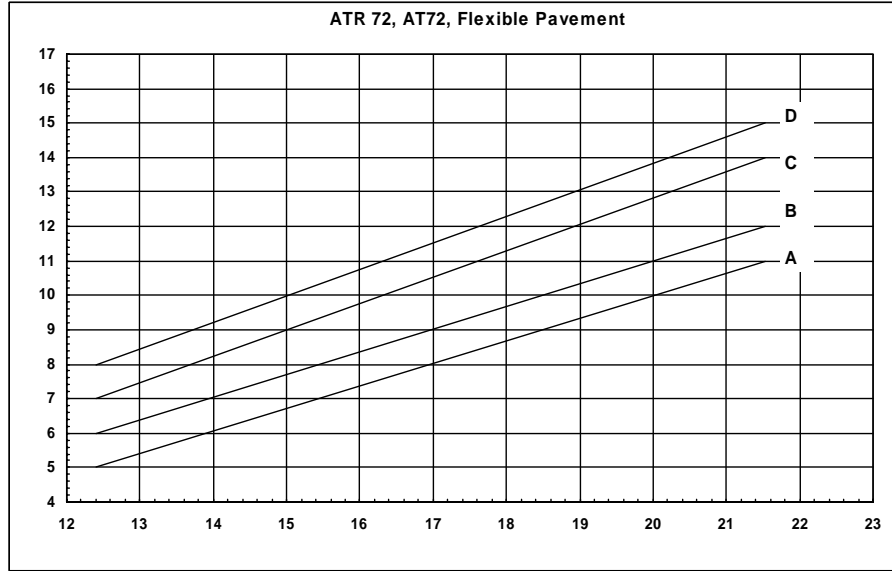
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10.285	4	5	5	6
16.72	8	9	10	11



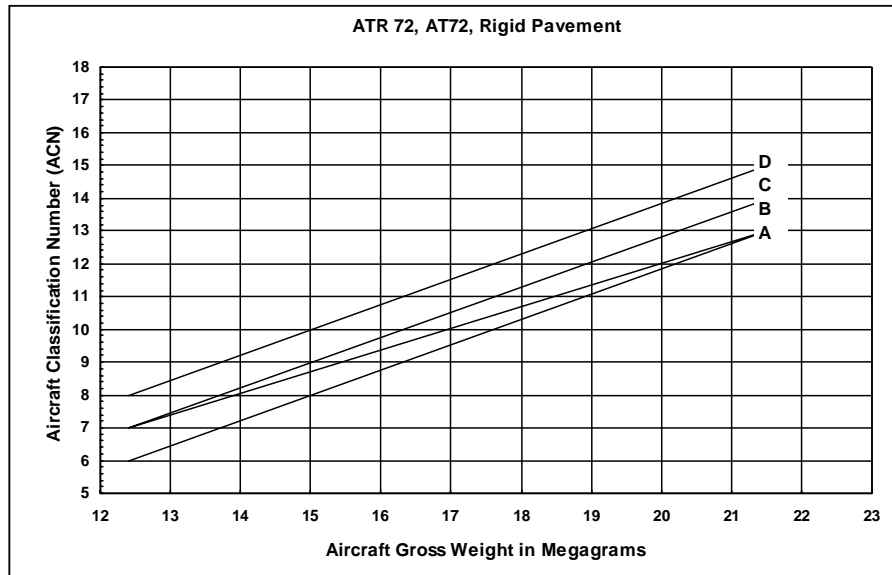
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10.285	5	5	6	6
16.72	9	10	10	11

SOURCE: AFCESA 2002

ATR 72, AT72



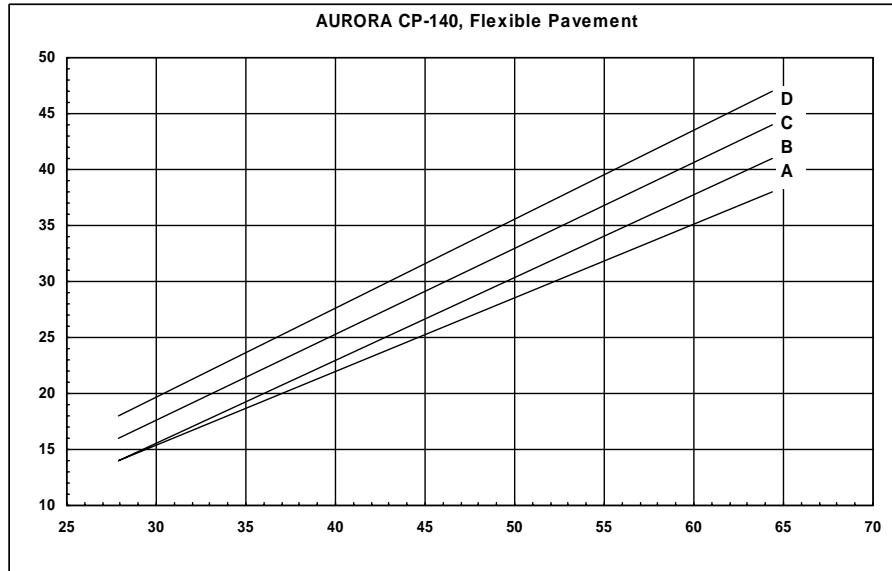
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.4	5	6	7	8
21.53	11	12	14	15



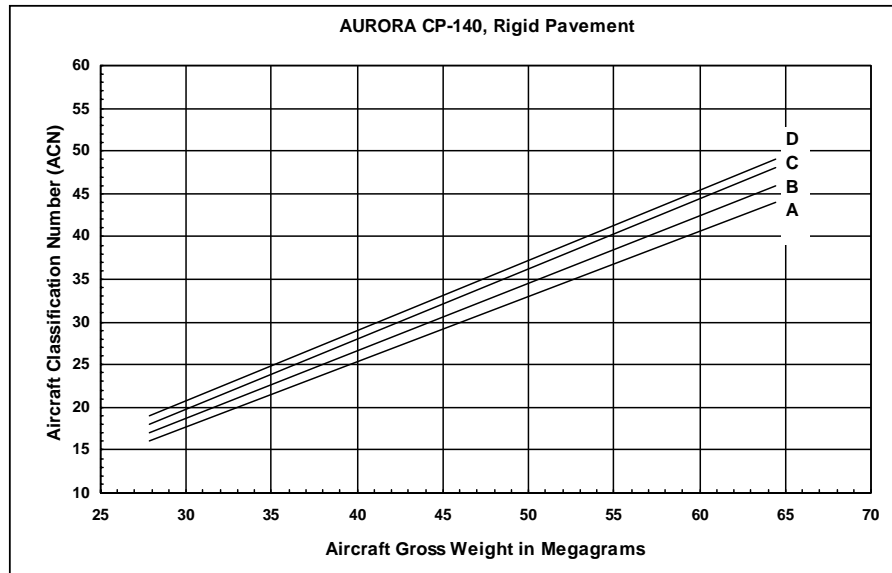
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.4	6	7	7	8
21.53	13	13	14	15

SOURCE: AFCESA 2002

AURORA CP-140



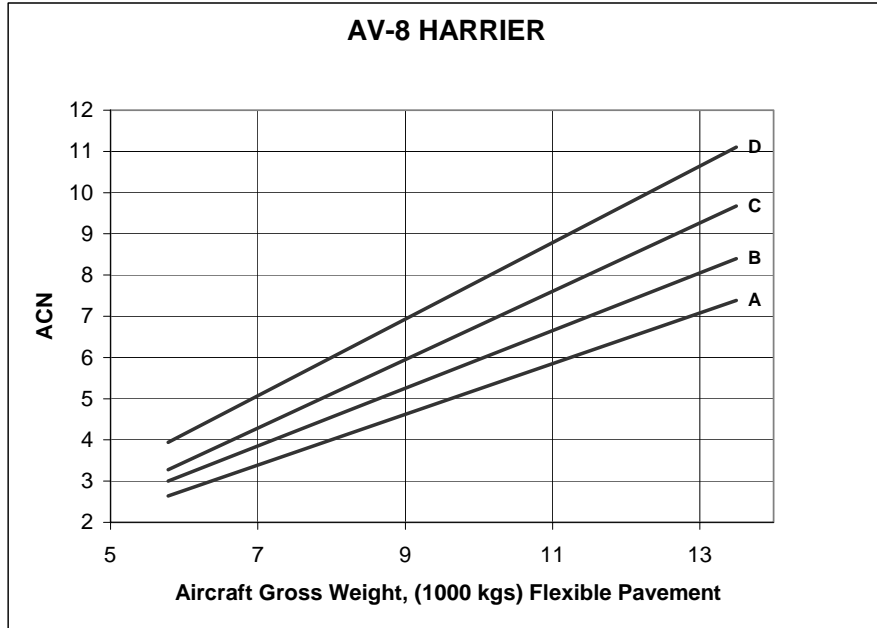
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
27.89	14	14	16	18
64.41	38	41	44	47



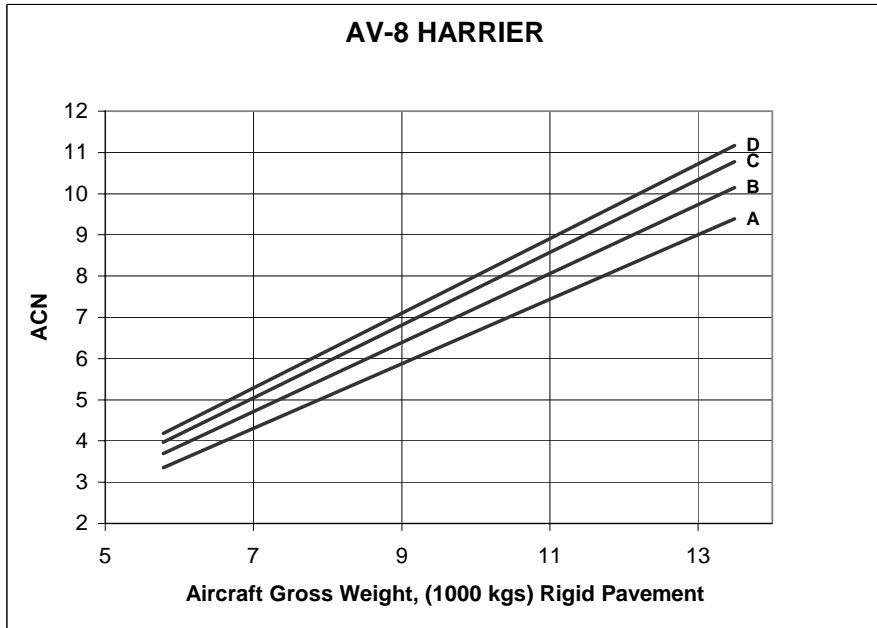
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
27.89	16	17	18	19
64.41	44	46	48	49

SOURCE: AFCESA 2002

AV-8 HARRIER



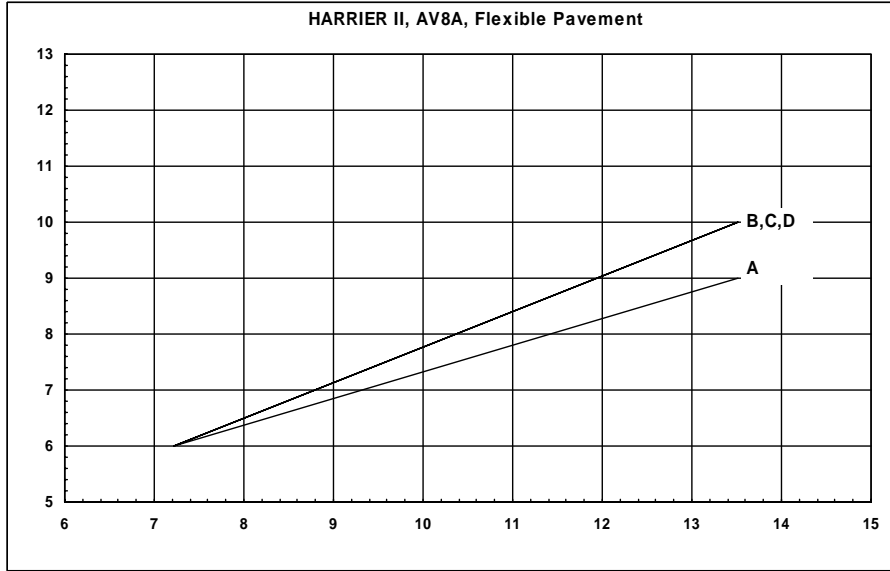
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.8 MIN	2.6	3.0	3.3	3.9
13.5 MAX	7.4	8.4	9.7	11.1



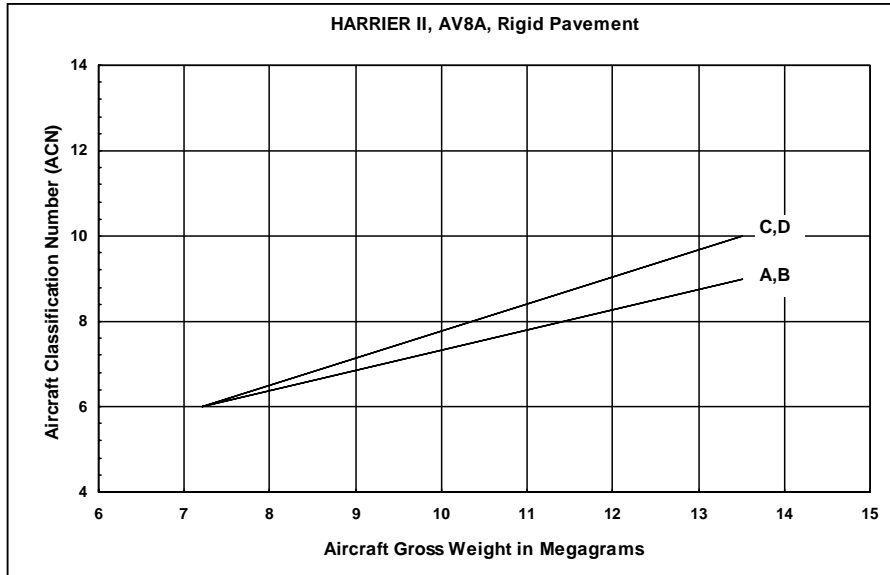
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.8 MIN	3.4	3.7	4.0	4.2
13.5 MAX	9.4	10.1	10.8	11.2

SOURCE: PCASE 2003

AV-8A HARRIER II



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.212	6	6	6	6
13.517	9	10	10	10



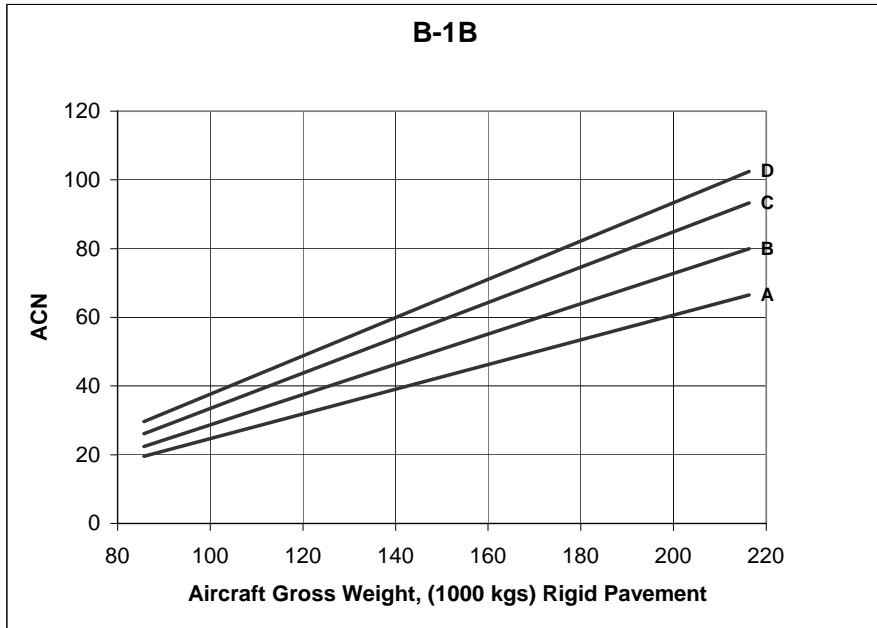
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.212	6	6	6	6
13.517	9	9	10	10

SOURCE: AFCESA 2002

B-1B



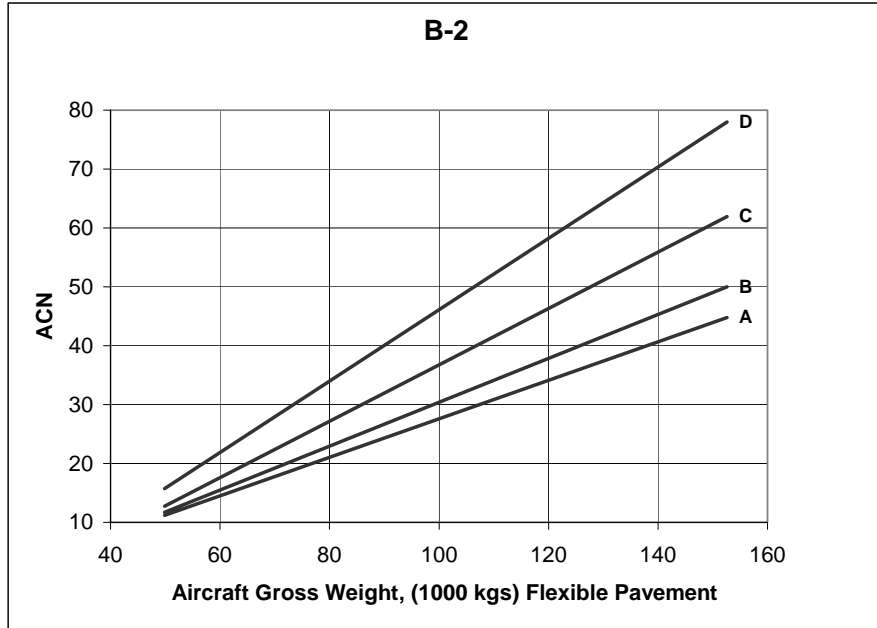
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
85.7 MIN	21.1	22.4	25.0	33.2
216.3 MAX	69.4	78.7	97.6	117.1



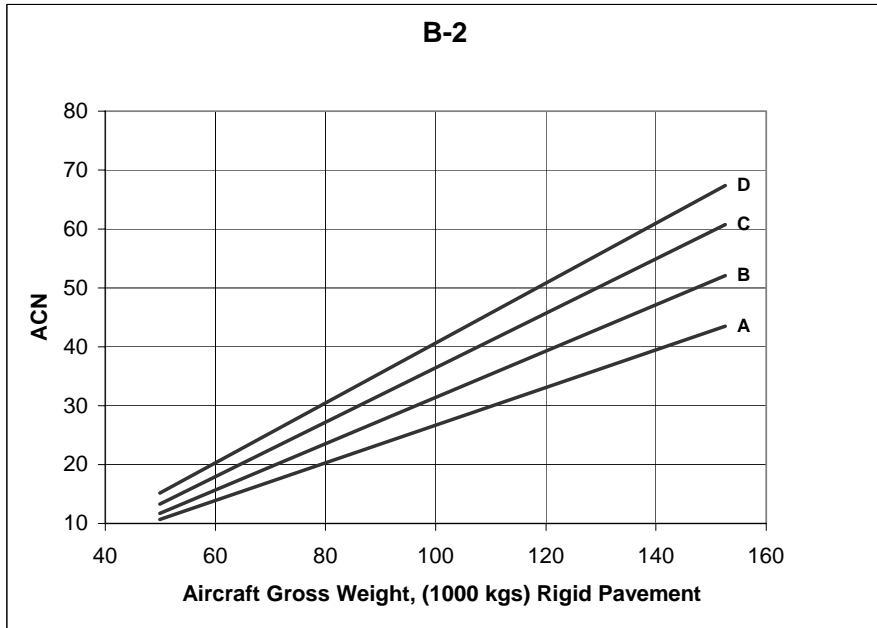
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
85.7 MIN	19.5	22.4	26.1	29.7
216.3 MAX	66.6	80.0	93.2	102.5

SOURCE: PCASE 2003

B-2



	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
49.9 MIN	11.2	11.7	12.8	15.7
152.6 MAX	44.7	50.0	62.0	78.0



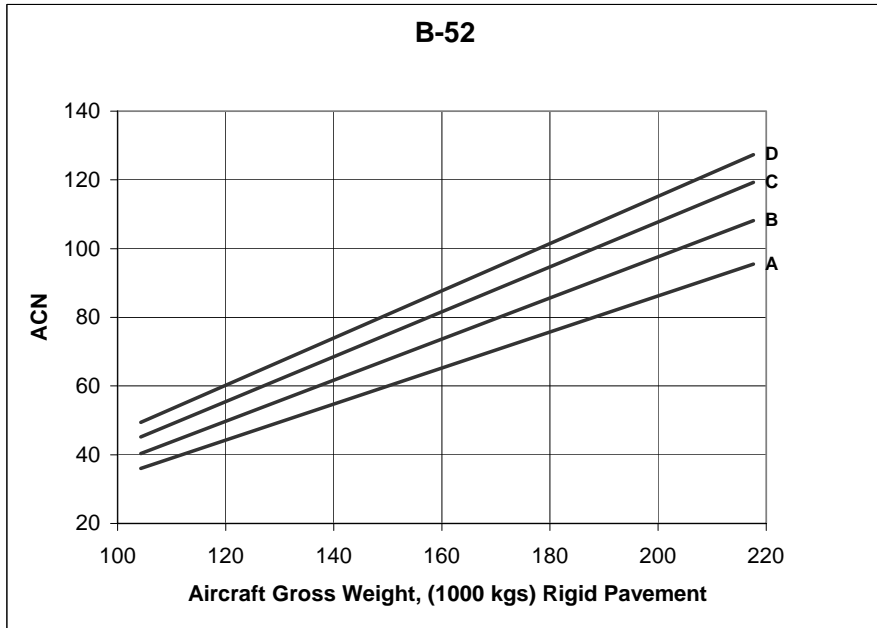
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
49.9 MIN	10.7	11.7	13.3	15.2
152.6 MAX	43.5	52.1	60.7	67.4

SOURCE: PCASE 2003

B-52



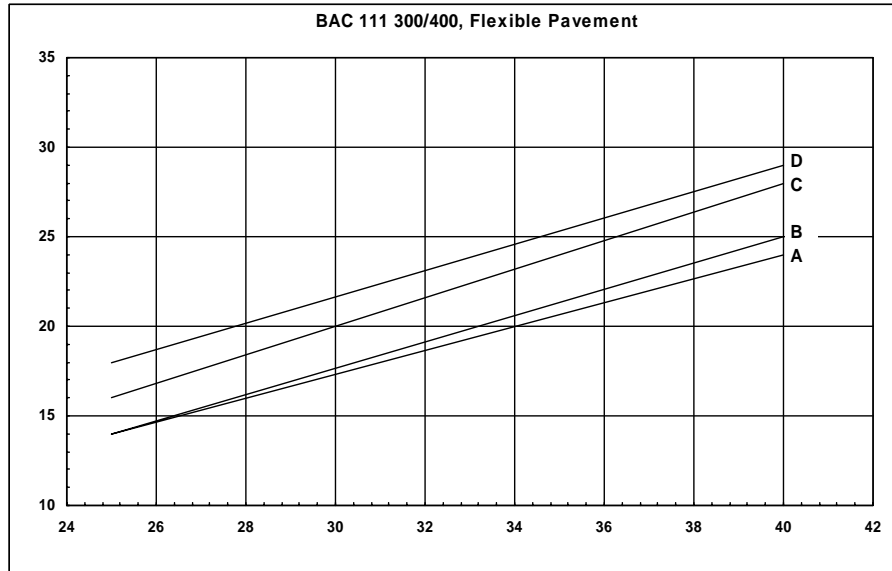
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
104.3 MIN	29.7	31.4	34.9	42.3
217.7 MAX	75.6	81.8	92.4	110.2



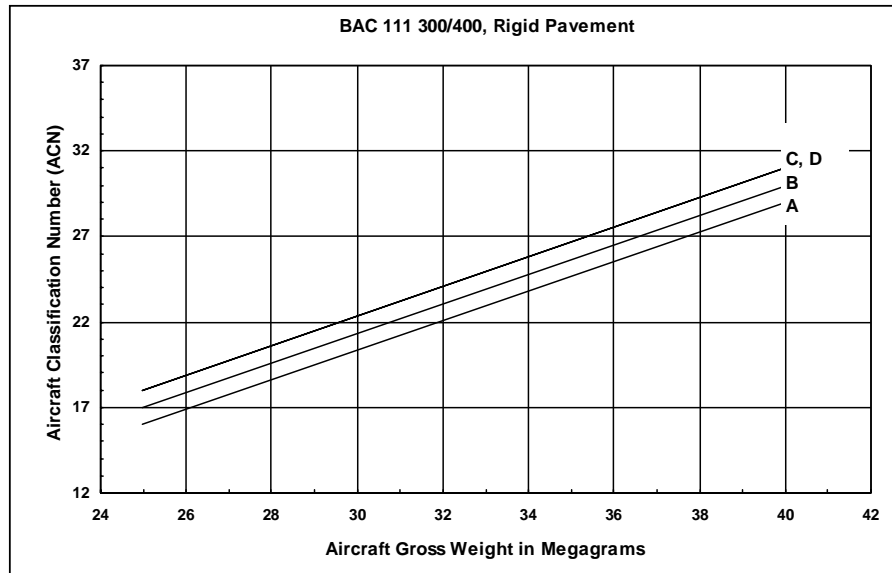
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
104.3 MIN	36.0	40.4	45.2	49.5
217.7 MAX	95.4	108.2	119.3	127.4

SOURCE: PCASE 2003

BAC 111 300/400



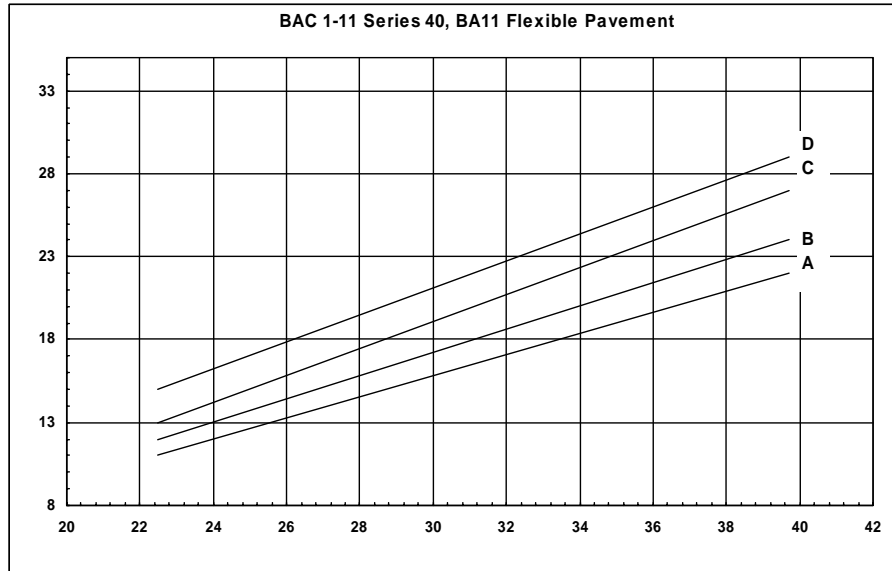
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
24.993	14	14	16	18
40.007	24	25	28	29



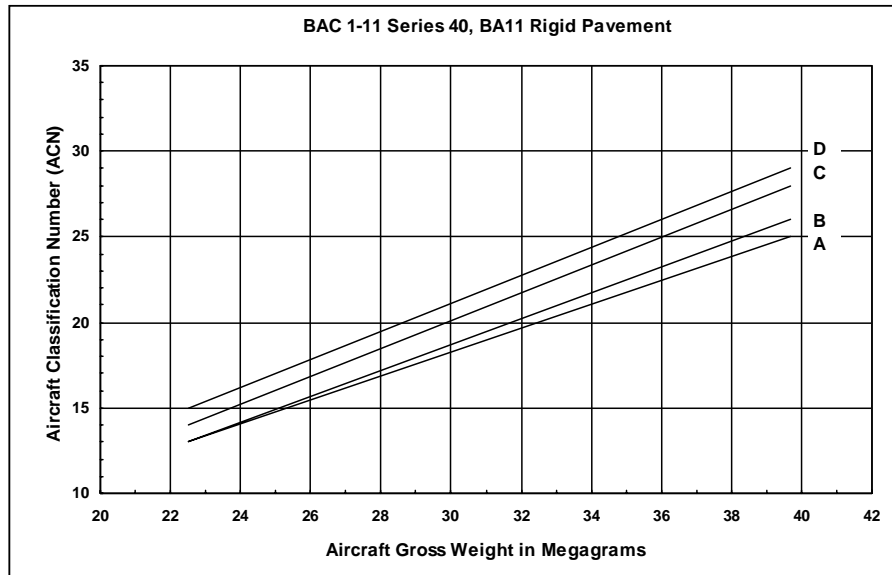
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
24.993	16	17	18	18
40.007	29	30	31	31

SOURCE: AFCESA 2002

BAC 1-11 Series 40, BA11



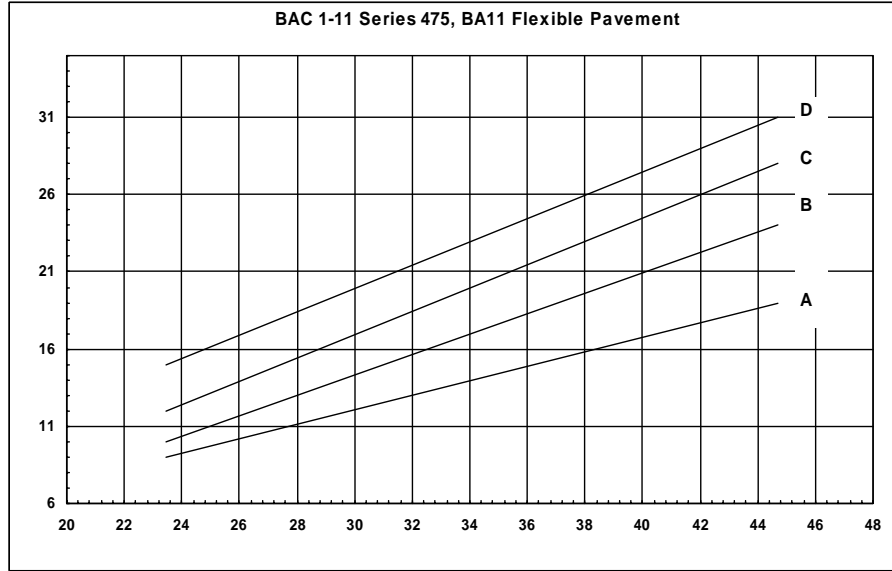
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
22.498	11	12	13	15
39.69	22	24	27	29



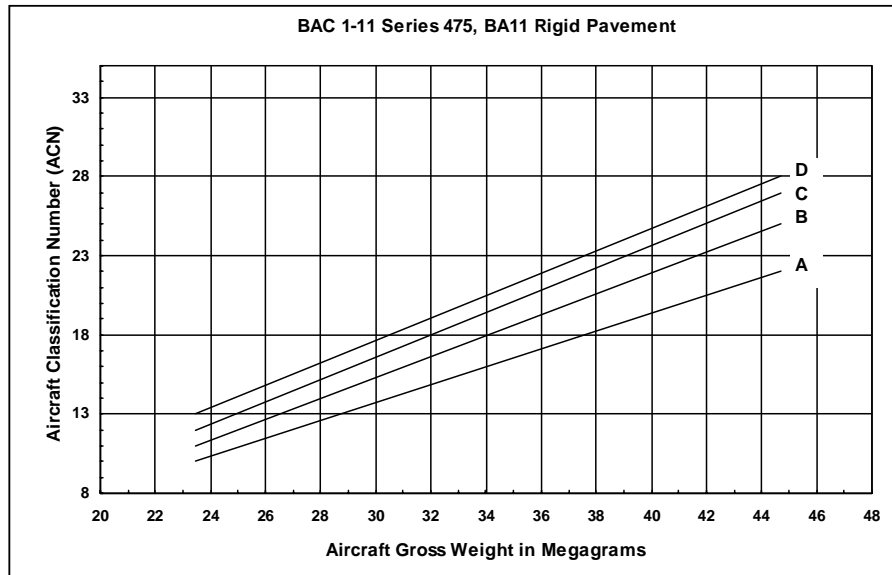
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
22.498	13	13	14	15
39.69	25	26	28	29

SOURCE: AFCESA 2002

BAC 1-11 Series 475, BA11



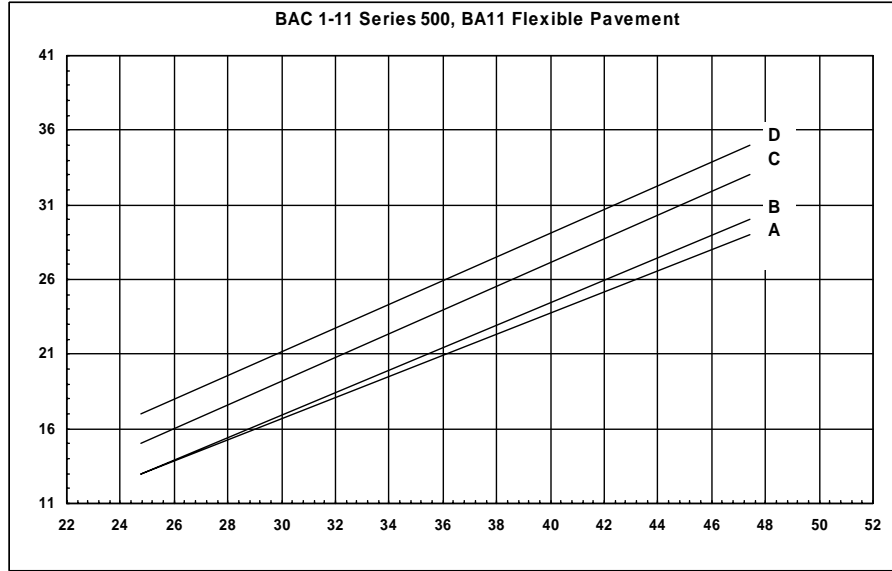
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
23.451	9	10	12	15
44.679	19	24	28	31



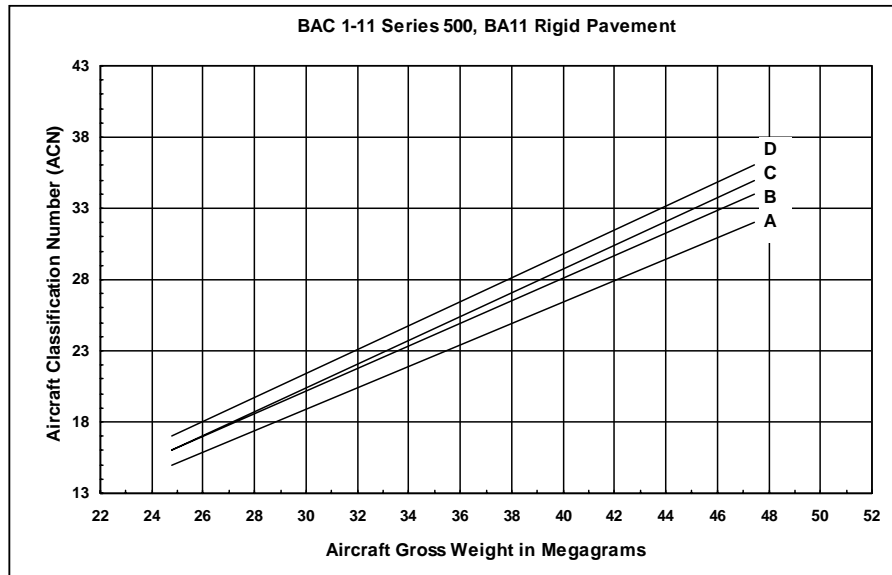
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
23.451	10	11	12	13
44.679	22	25	27	28

SOURCE: AFCESA 2002

BAC 1-11 Series 500, BA11



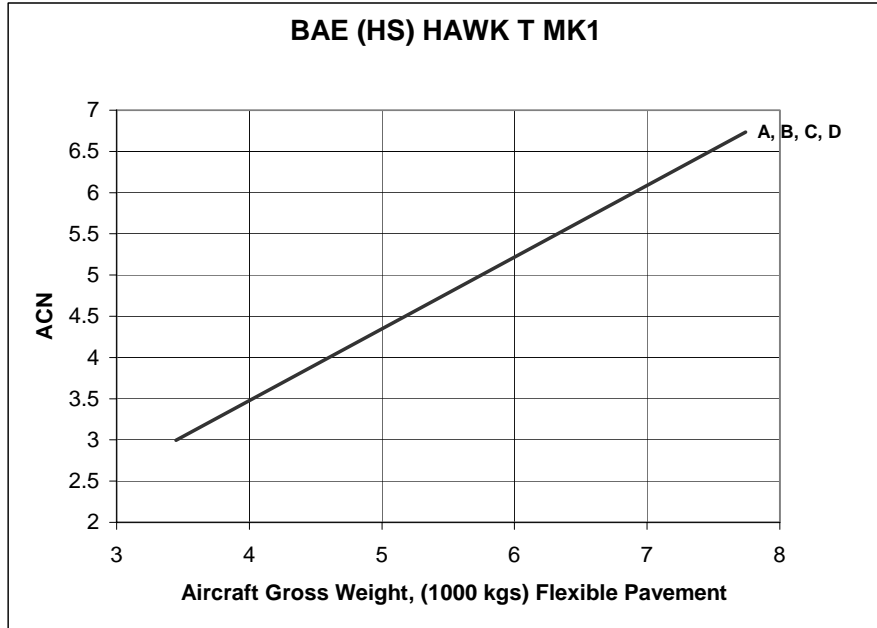
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
24.757	13	13	15	17
47.4	29	30	33	35



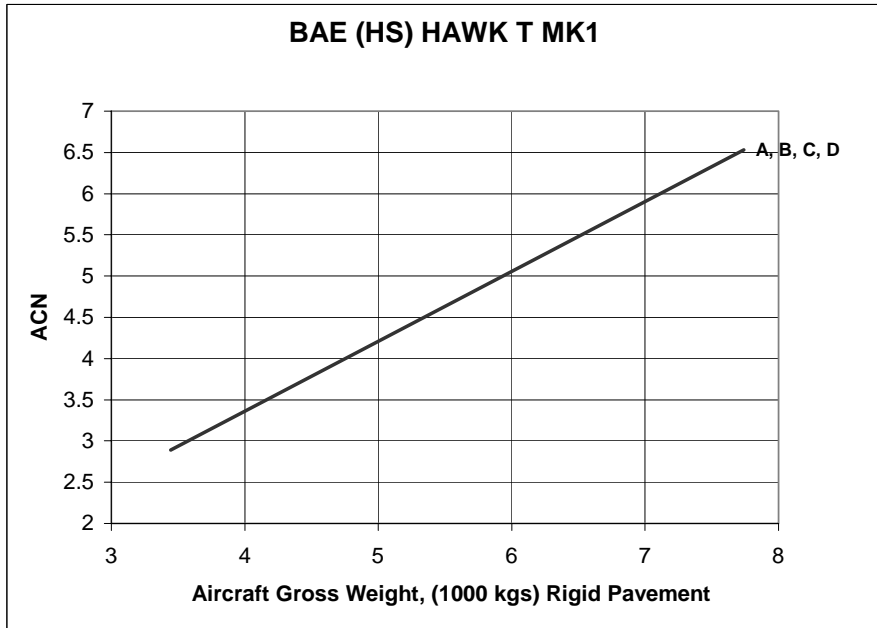
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
24.757	15	16	16	17
47.4	32	34	35	36

SOURCE: AFCESA 2002

BAE (HS) HAWK T MK1



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.4 MIN	3.0	3.0	3.0	3.0
7.7 MAX	6.7	6.7	6.7	6.7



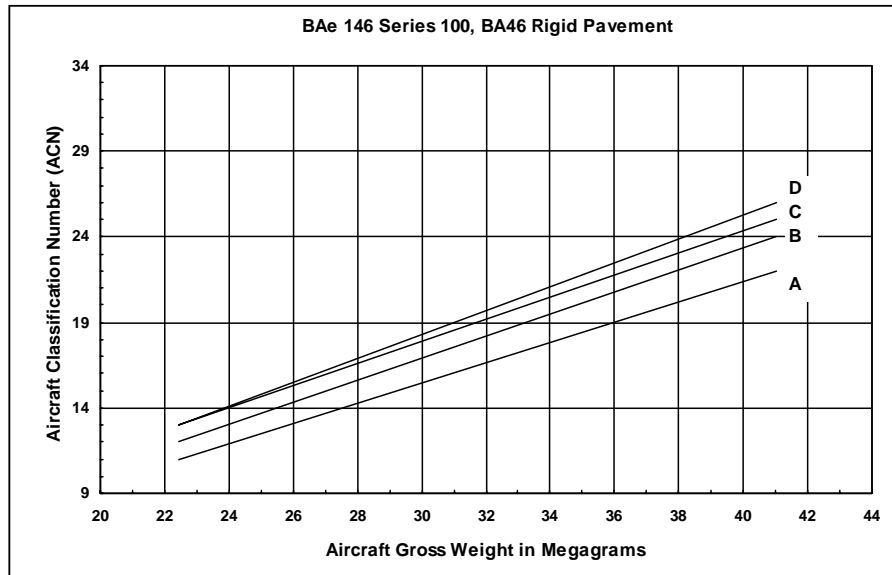
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.4 MIN	2.9	2.9	2.9	2.9
7.7 MAX	6.5	6.5	6.5	6.5

SOURCE: PCASE 2003

BAE 146 Series 100, BA46



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
22.453	10	10	11	13
41.051	19	20	23	27



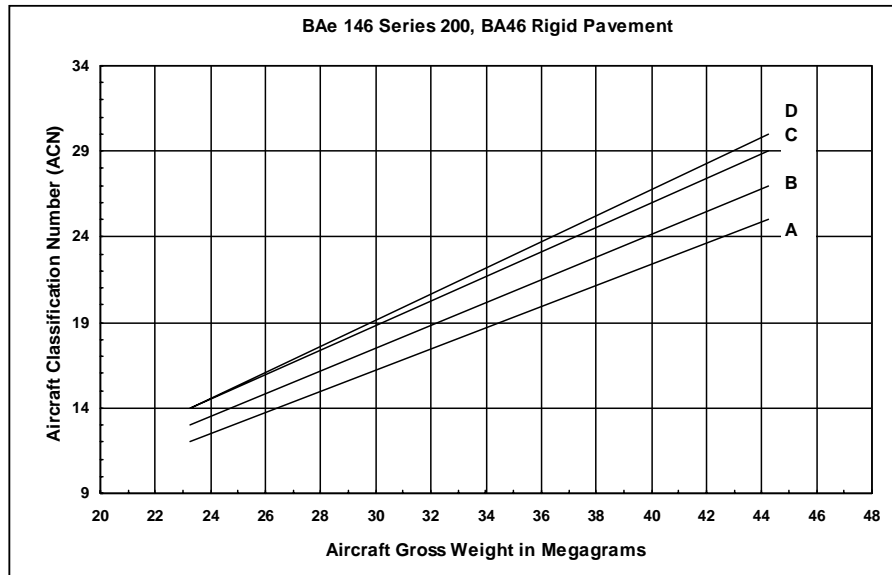
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
22.453	11	12	13	13
41.051	22	24	25	26

SOURCE: AFCESA 2002

BAE 146 Series 200, BA46



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
23.27	11	11	12	14
44.226	22	23	26	30



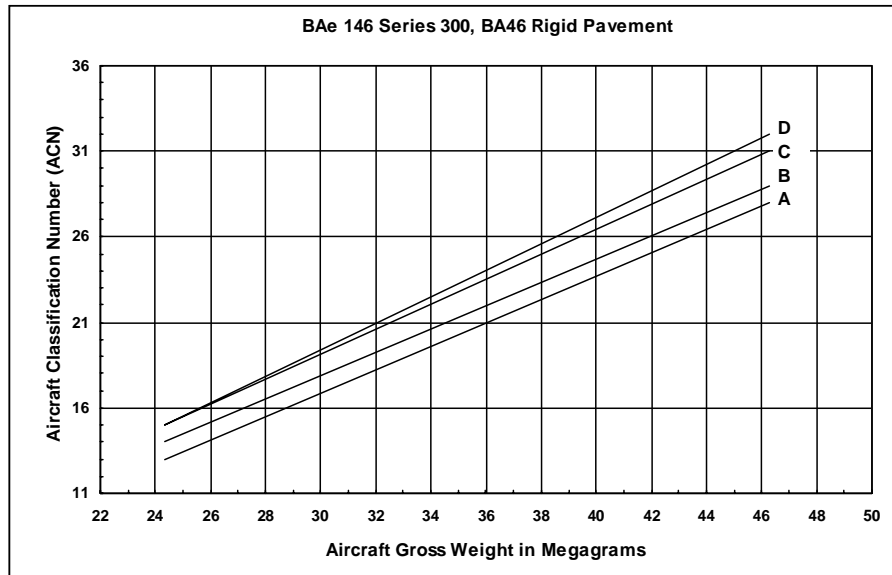
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
23.27	12	13	14	14
44.226	25	27	29	30

SOURCE: AFCESA 2002

BAE 146 Series 300, BA46



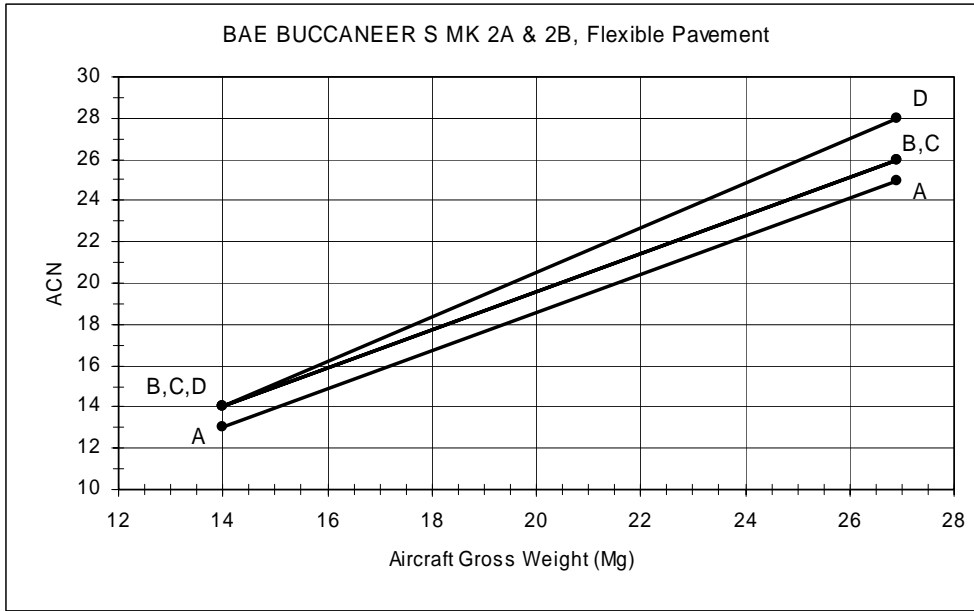
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
24.358	11	12	13	15
46.297	24	25	28	32



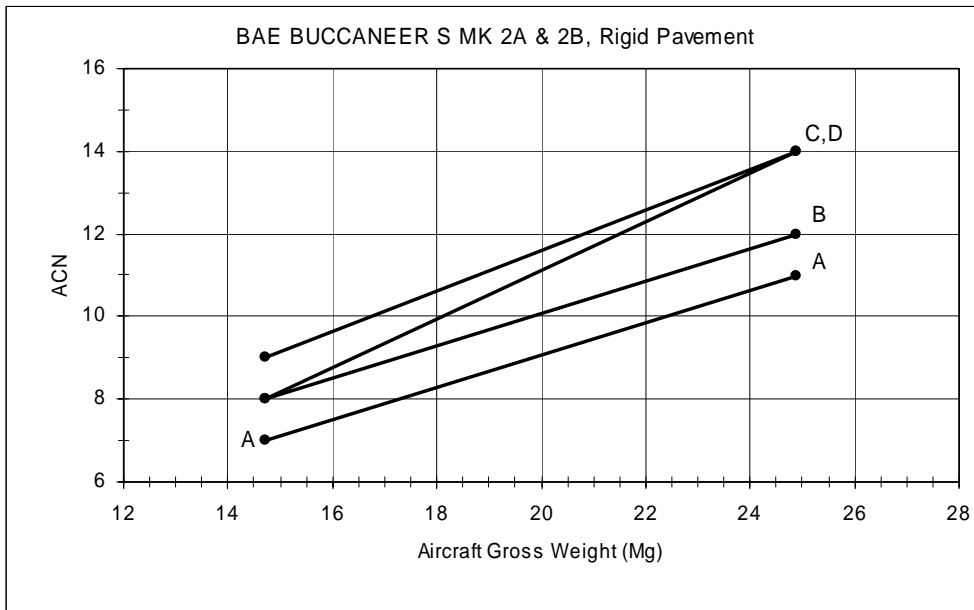
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
24.358	13	14	15	15
46.297	28	29	31	32

SOURCE: AFCESA 2002

BAE BUCCANEER S MK 2A & 2B



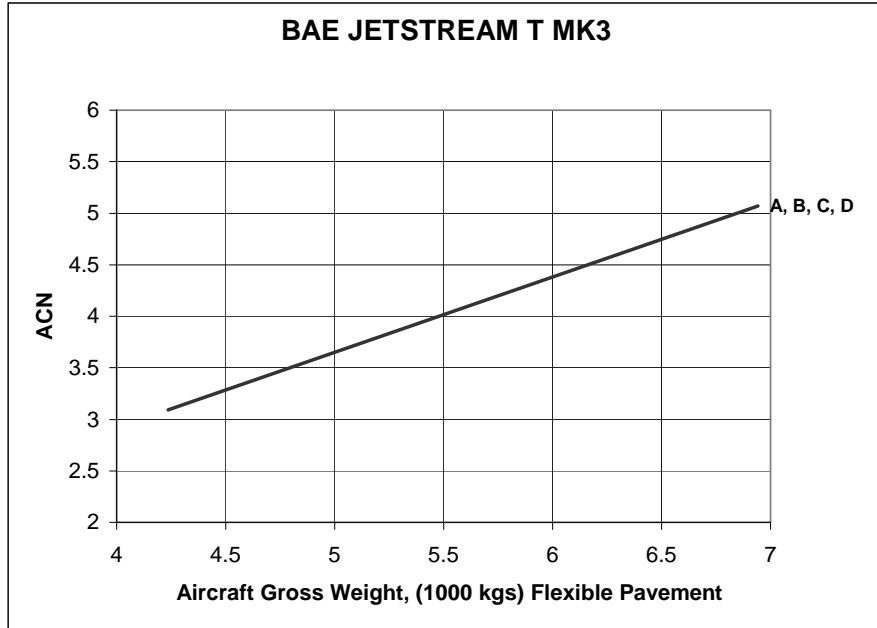
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
14.0	13	14	14	14
26.9	25	26	26	28



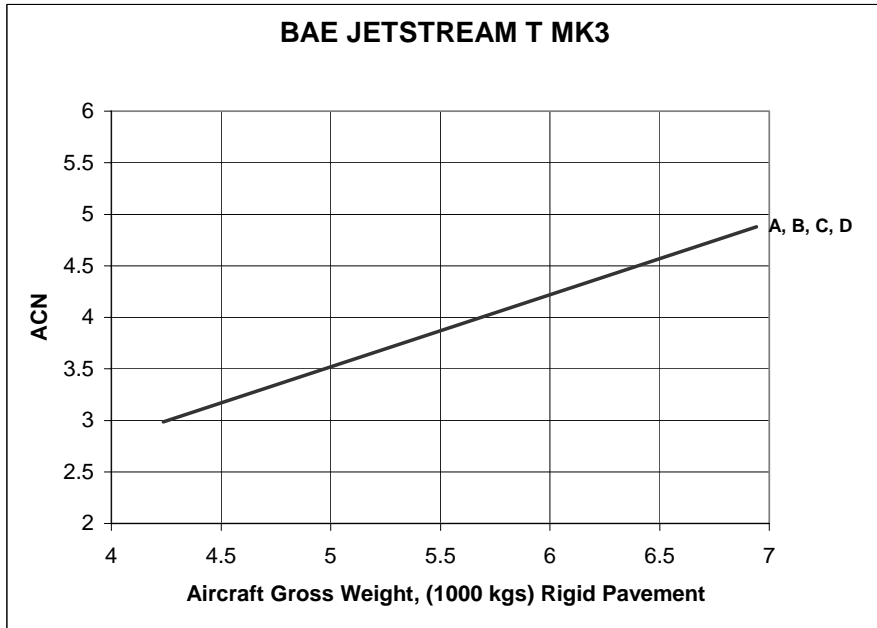
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
14.7	7	8	8	9
24.9	11	12	14	14

SOURCE: GBR 6/28/2005

BAE JETSTREAM T MK3



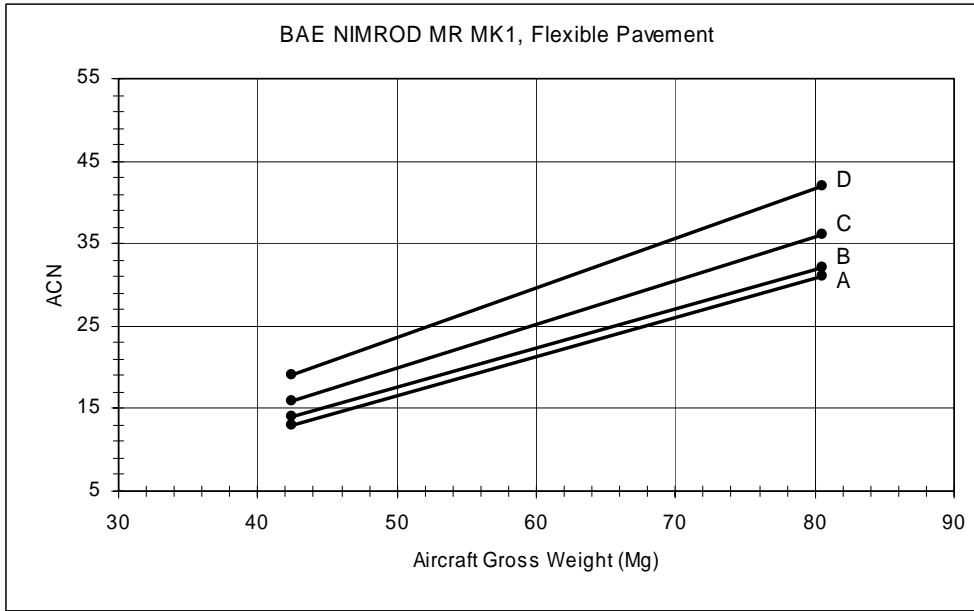
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.2 MIN	3.1	3.1	3.1	3.1
6.9 MAX	5.1	5.1	5.1	5.1



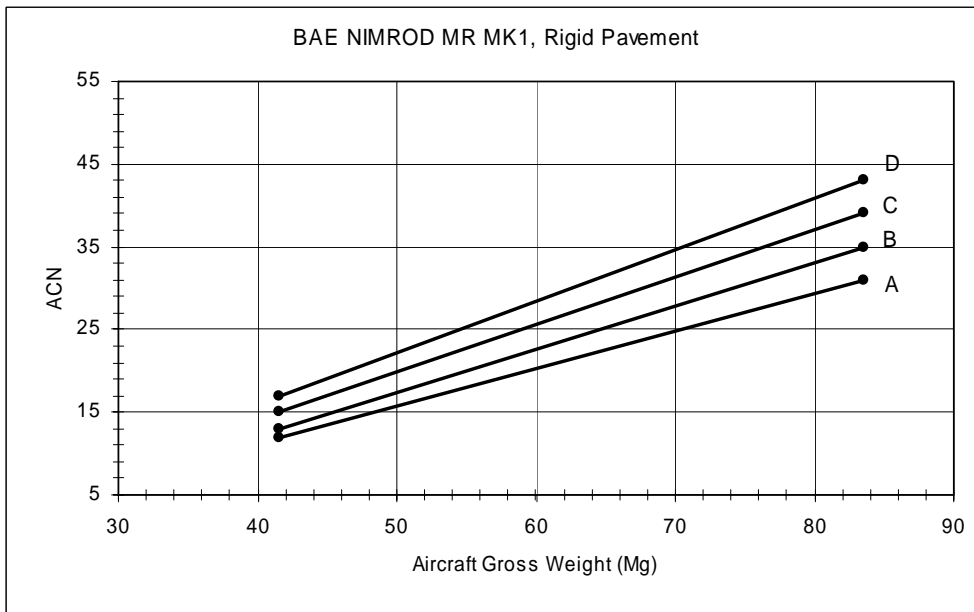
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.2 MIN	3.0	3.0	3.0	3.0
6.9 MAX	4.9	4.9	4.9	4.9

SOURCE: PCASE 2003

BAE NIMROD MR MK1



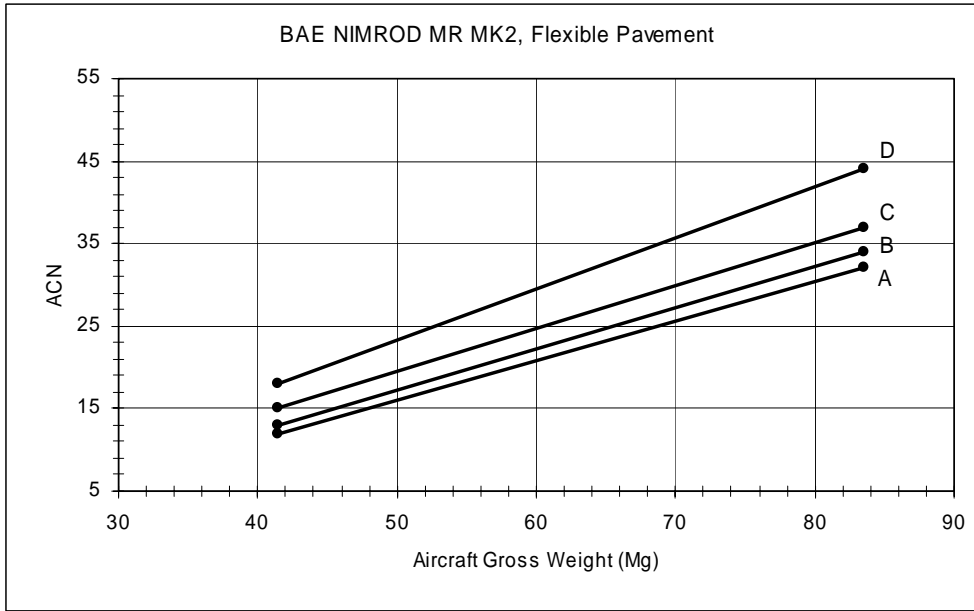
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
42.4	13	14	16	19
80.5	31	32	36	42



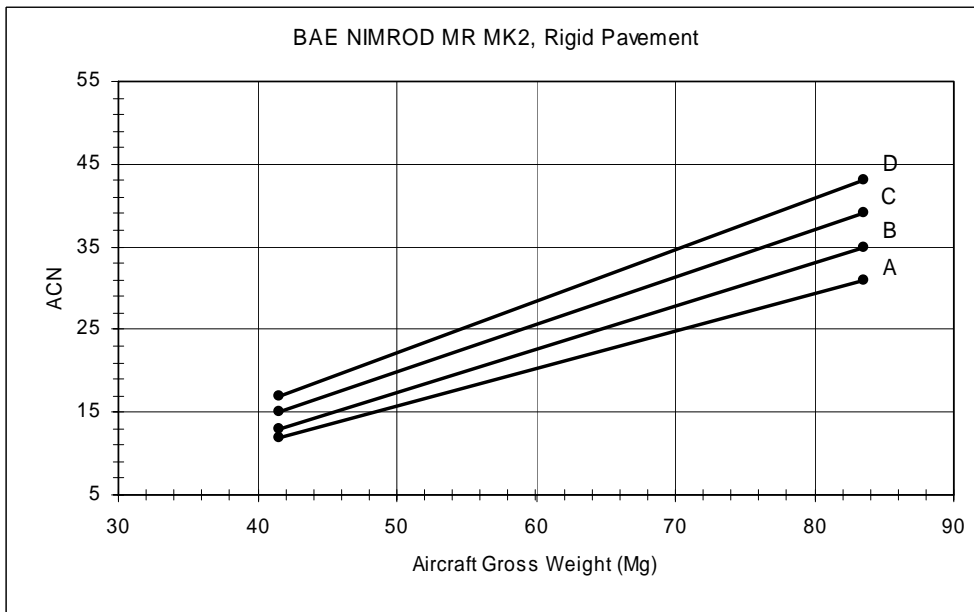
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
41.5	12	13	15	17
83.5	31	35	39	43

SOURCE: GBR 6/28/2005

BAE NIMROD MR MK2



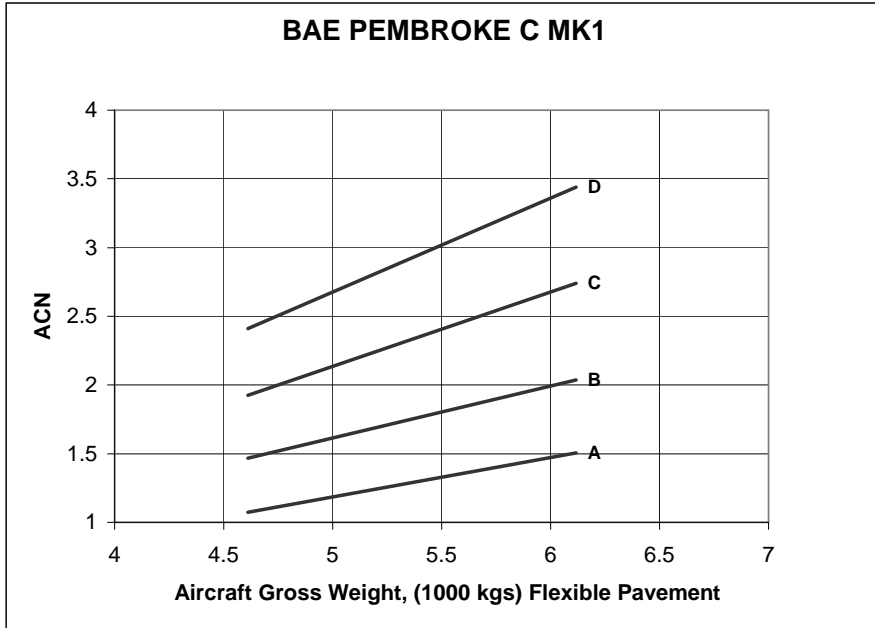
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
41.54	12	13	15	18
83.5	32	34	37	44



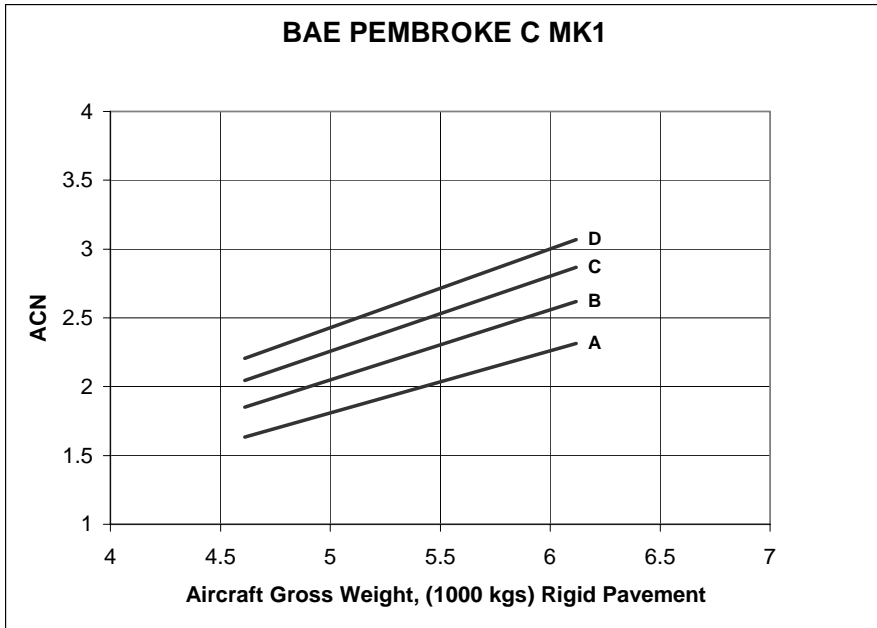
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
41.5	12	13	15	17
83.5	31	35	39	43

SOURCE: GBR 6/28/2005

BAE PEMBROKE C MK1



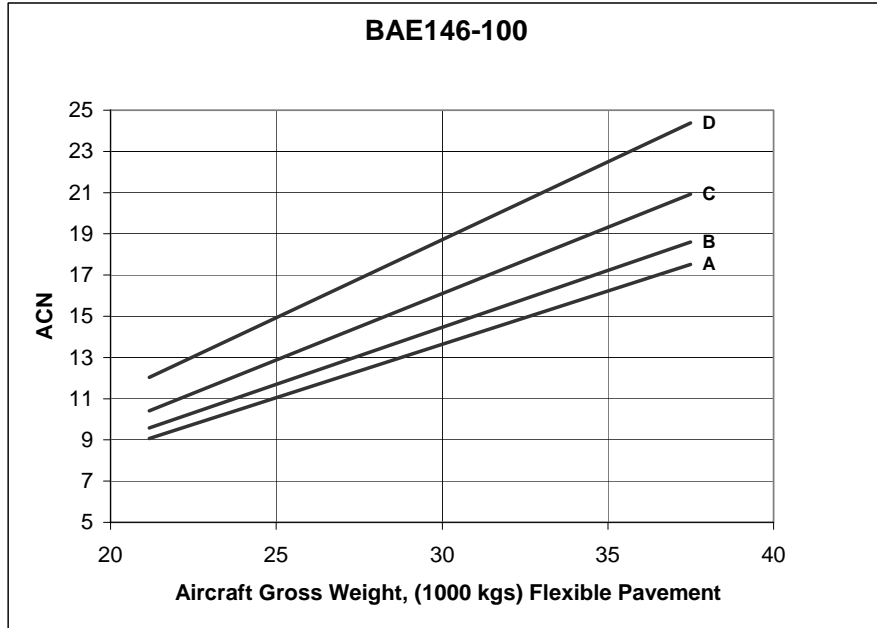
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.6 MIN	1.1	1.5	1.9	2.4
6.1 MAX	1.5	2.0	2.7	3.4



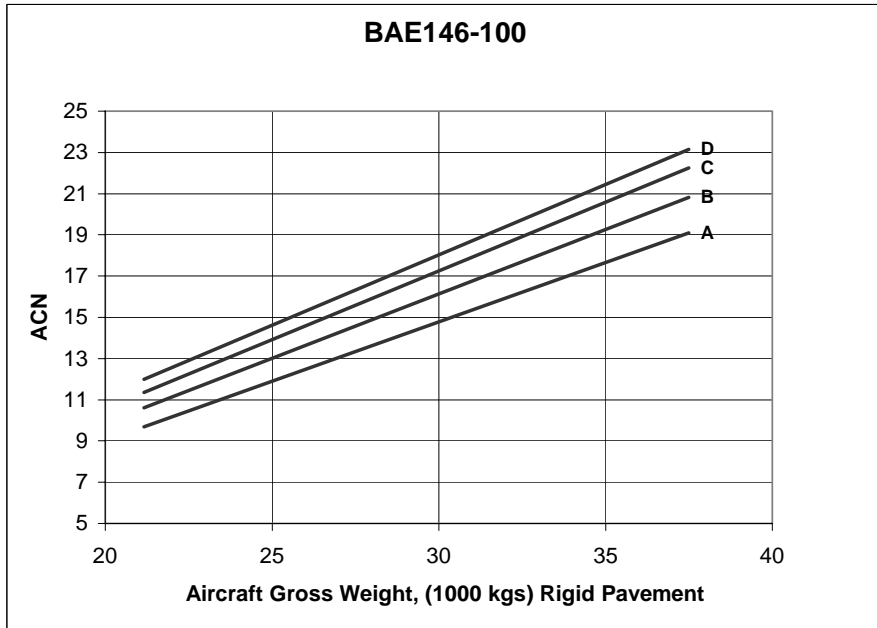
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.6 MIN	1.6	1.9	2.0	2.2
6.1 MAX	2.3	2.6	2.9	3.1

SOURCE: PCASE 2003

BAE146-100



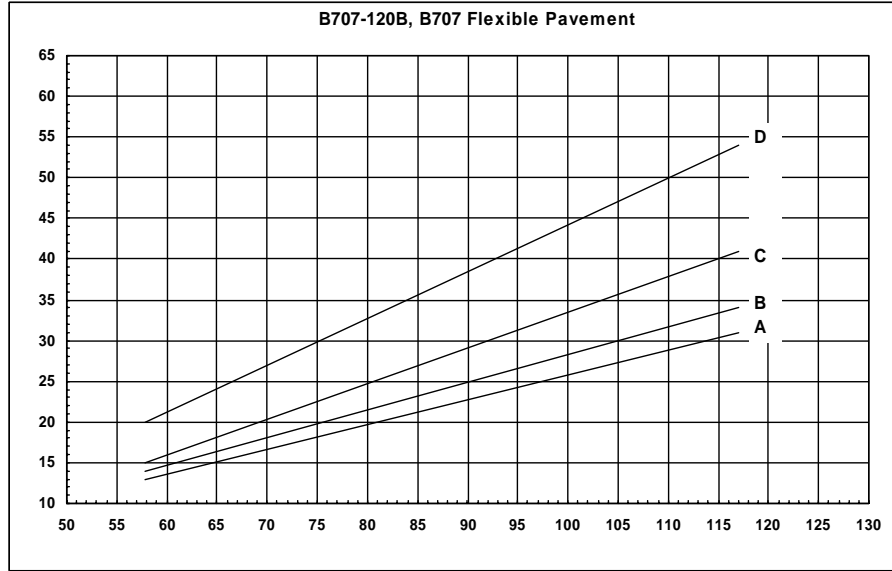
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
21.2 MIN	9.1	9.6	10.4	12.0
37.5 MAX	17.5	18.6	20.9	24.4



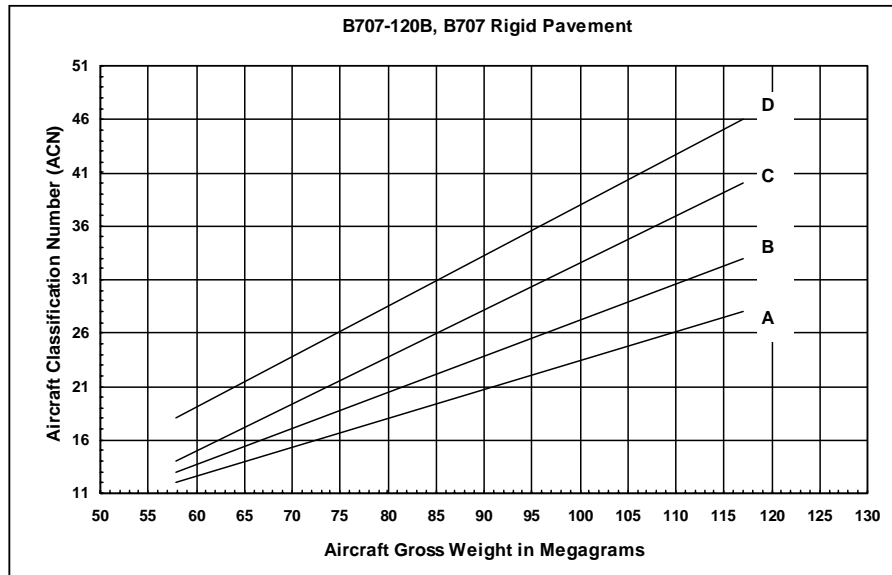
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
21.2 MIN	9.7	10.6	11.4	12.0
37.5 MAX	19.1	20.8	22.2	23.1

SOURCE: PCASE 2003

BOEING 707-120B



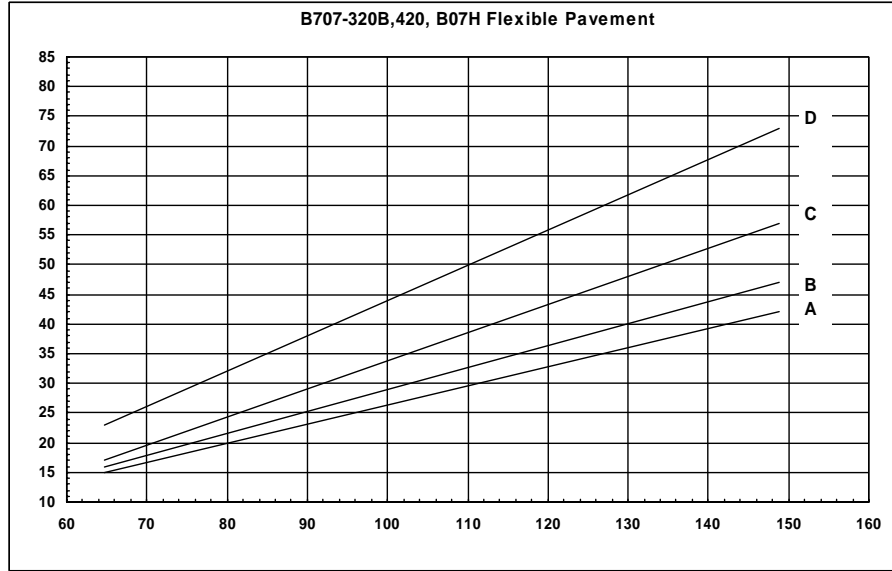
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
57.833	13	14	15	20
117.027	31	34	41	54



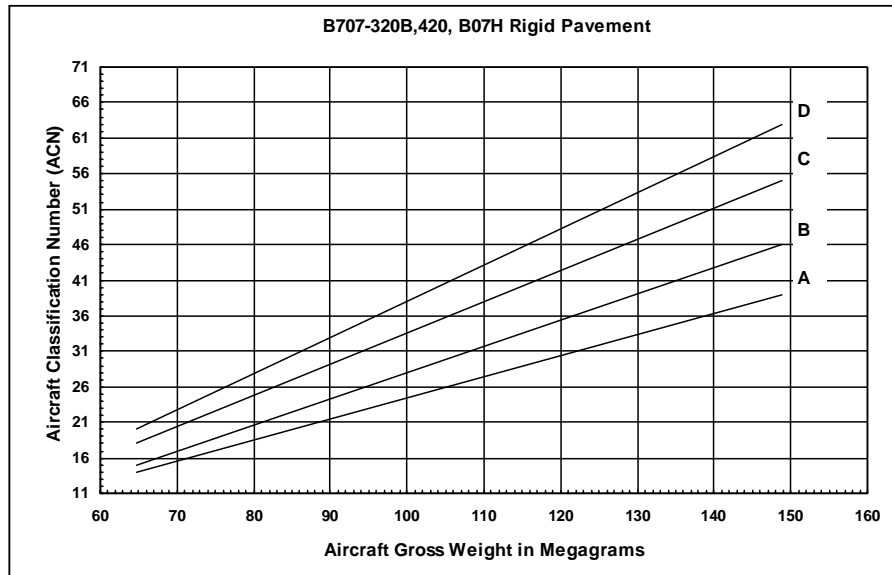
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
57.833	12	13	14	18
117.027	28	33	40	46

SOURCE: AFCESA 2002

BOEING 707-320, 420



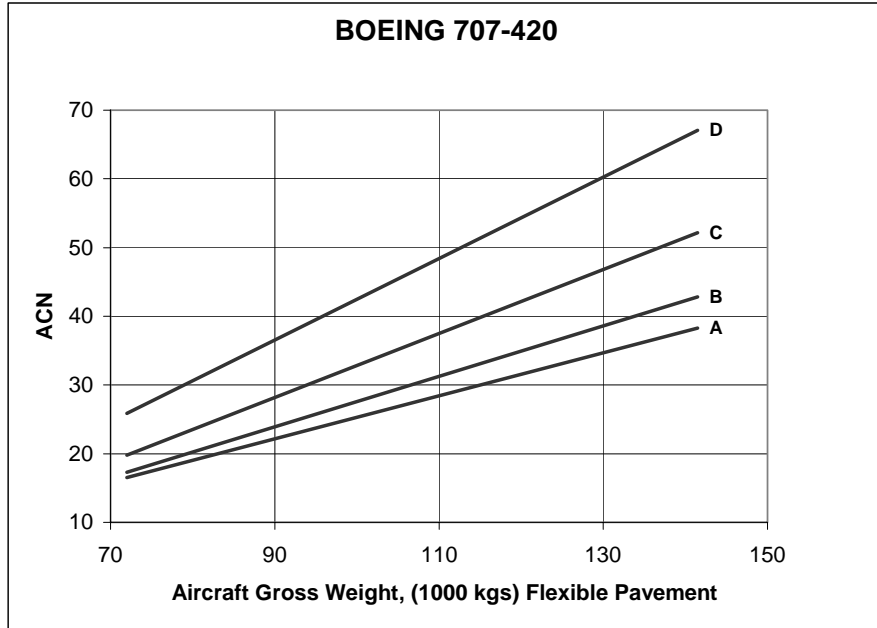
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
64.764	15	16	17	23
148.778	42	47	57	73



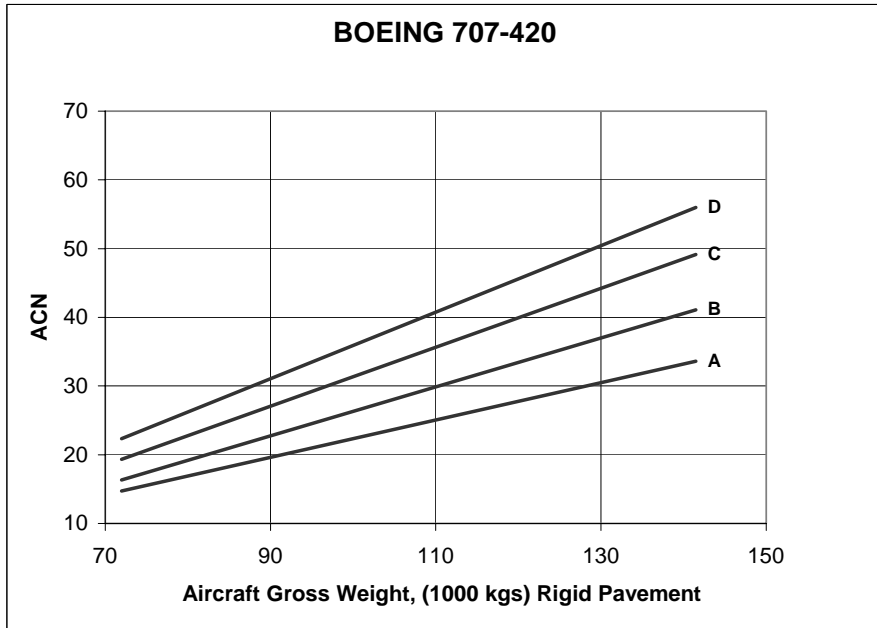
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
64.764	14	15	18	20
148.778	39	46	55	63

SOURCE: AFCESA 2002

BOEING 707-420



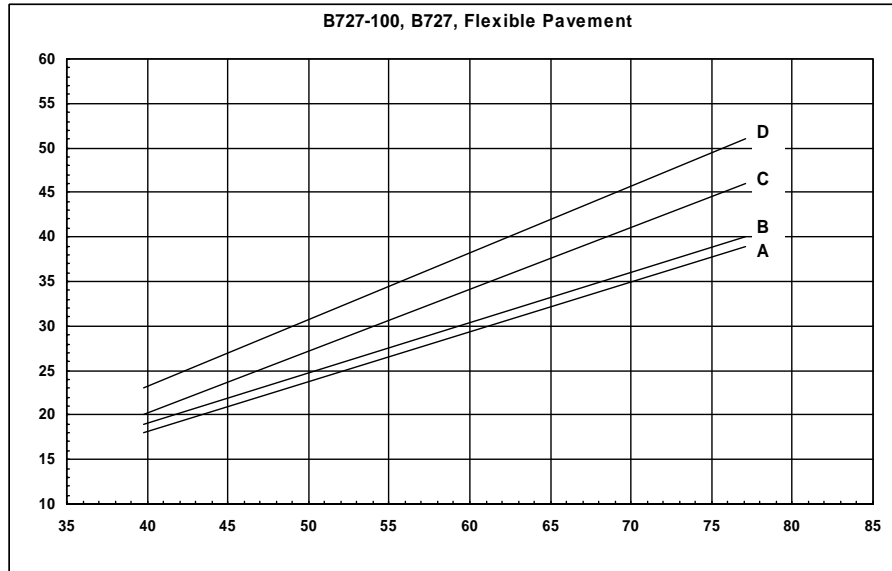
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
72 MIN	16.5	17.3	19.8	25.9
141.5 MAX	38.3	42.8	52.1	67.1



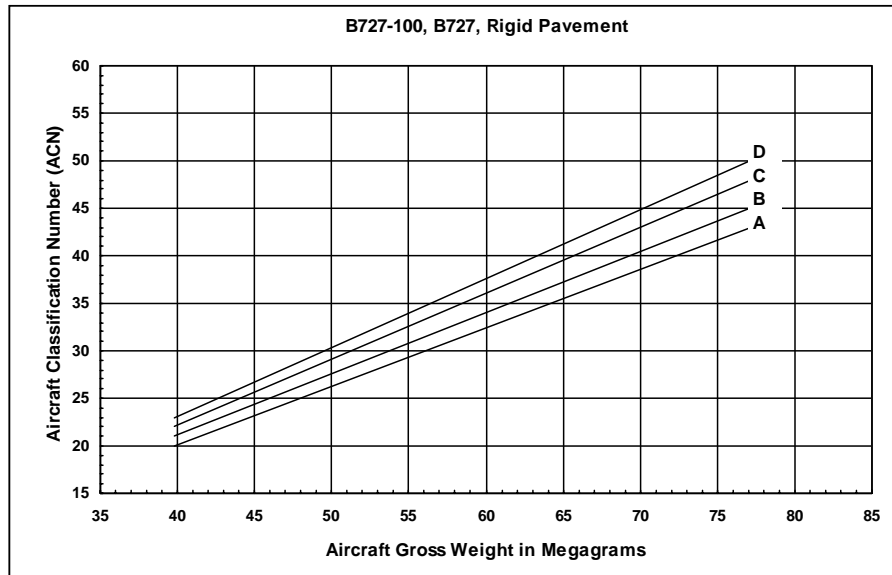
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
72 MIN	14.7	16.4	19.3	22.3
141.5 MAX	33.6	41.1	49.1	56.0

SOURCE: PCASE 2003

BOEING 727-100



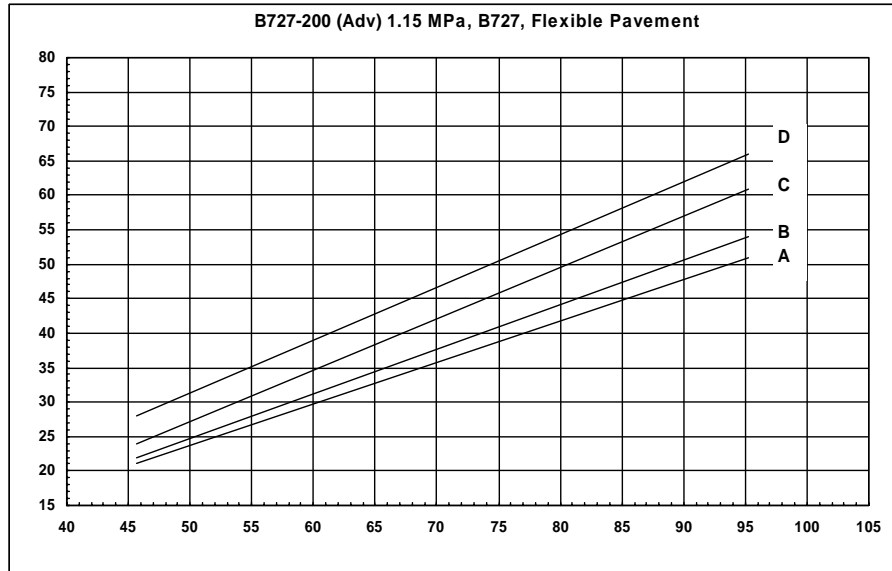
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
39.778	18	19	20	23
77.11	39	40	46	51



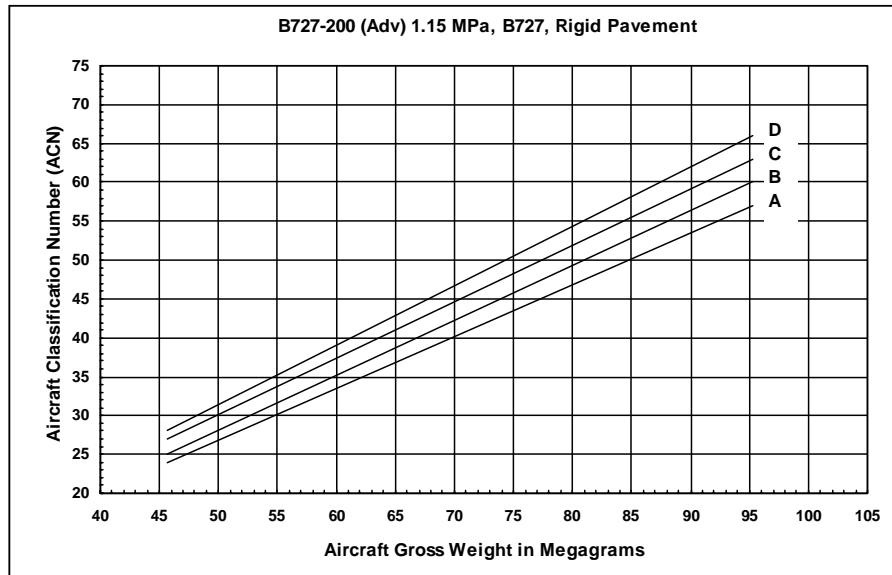
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
39.778	20	21	22	23
77.11	43	45	48	50

SOURCE: AFCESA 2002

BOEING 727-200



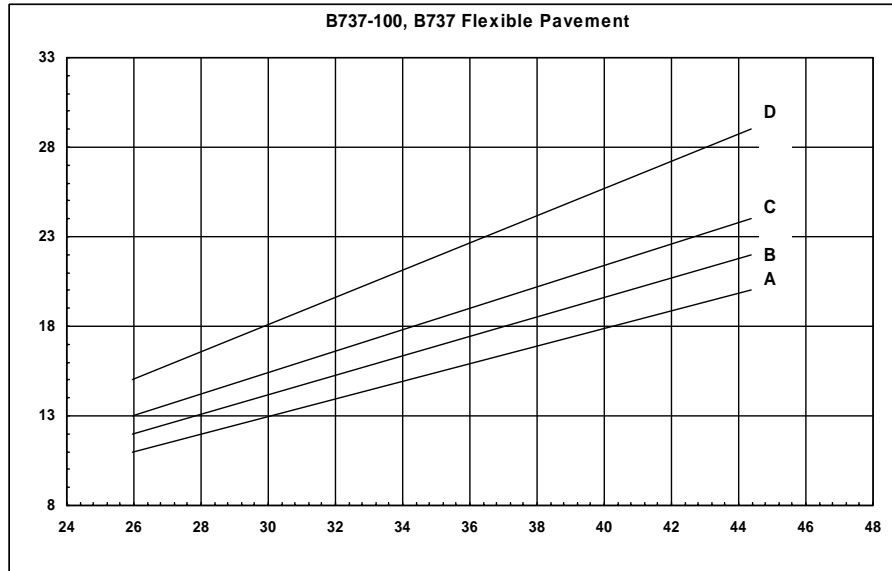
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
45.677	21	22	24	28
95.254	51	54	61	66



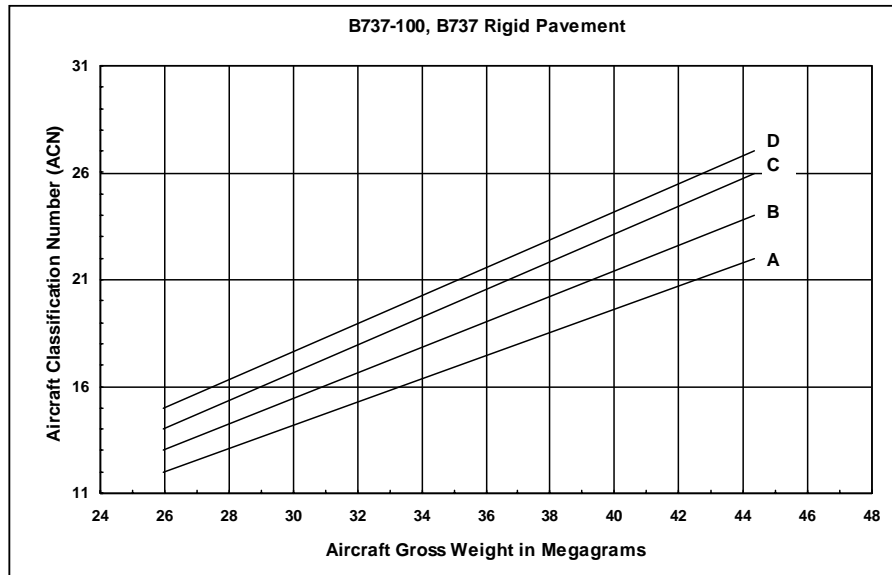
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
45.677	24	25	27	28
95.254	57	60	63	66

SOURCE: AFCESA 2002

BOEING 737-100



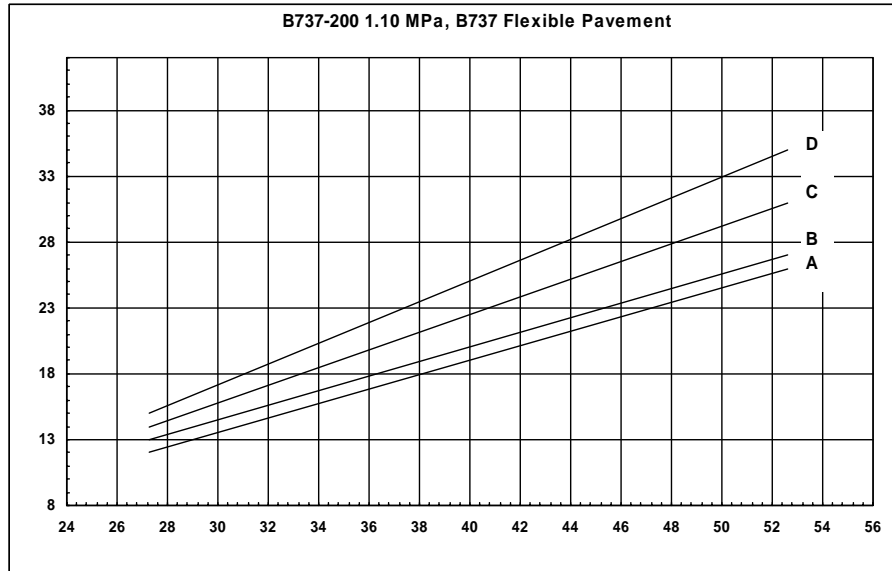
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
25.941	11	12	13	15
44.361	20	22	24	29



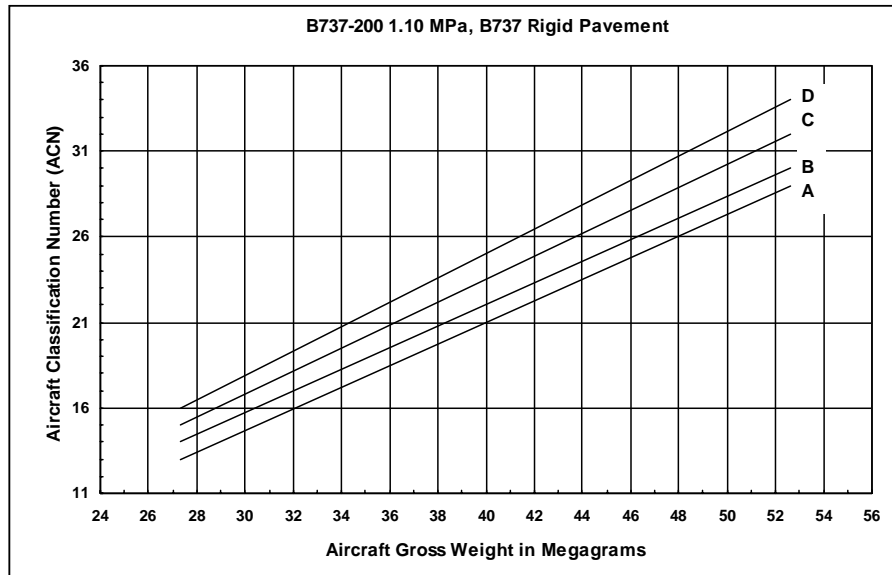
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
25.941	12	13	14	15
44.361	22	24	26	27

SOURCE: AFCESA 2002

BOEING 737-200



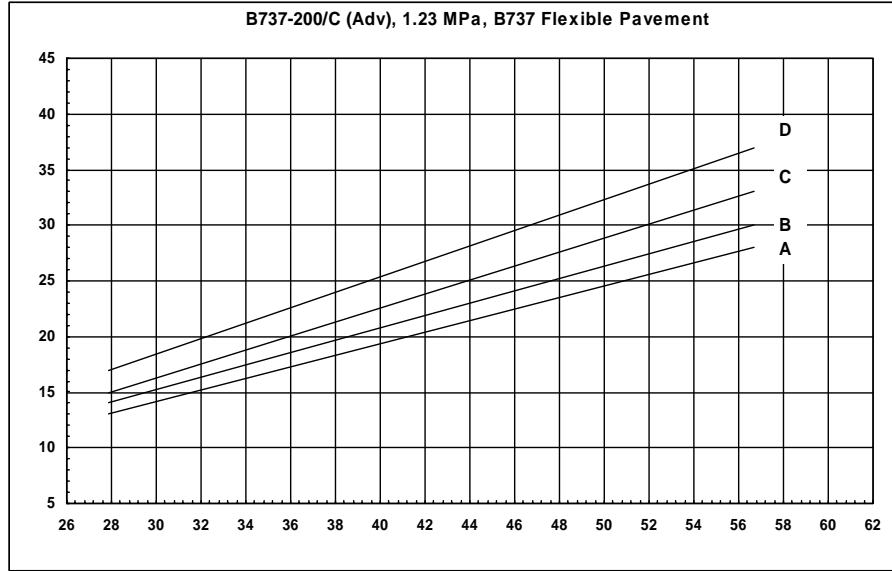
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
27.293	12	13	14	15
52.616	26	27	31	35



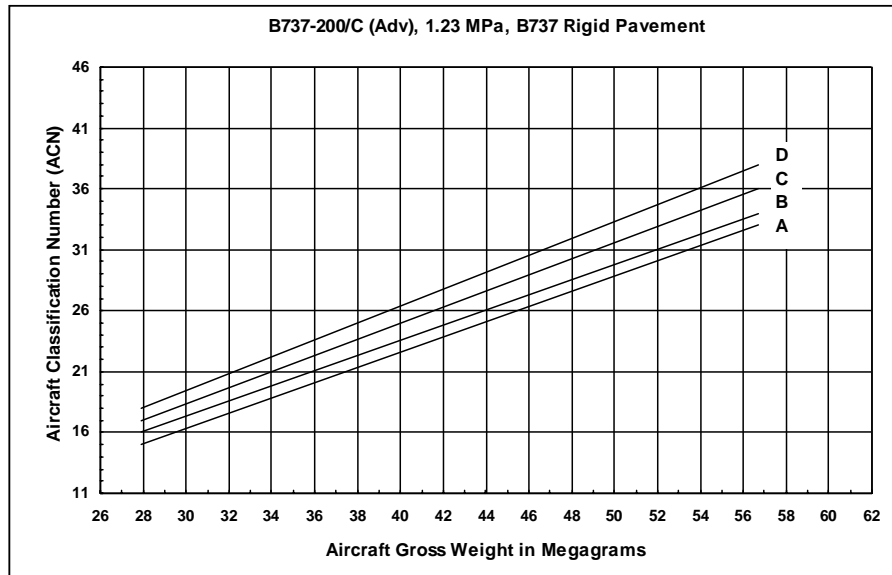
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
27.293	13	14	15	16
52.616	29	30	32	34

SOURCE: AFCESA 2002

BOEING 737-200 ADV



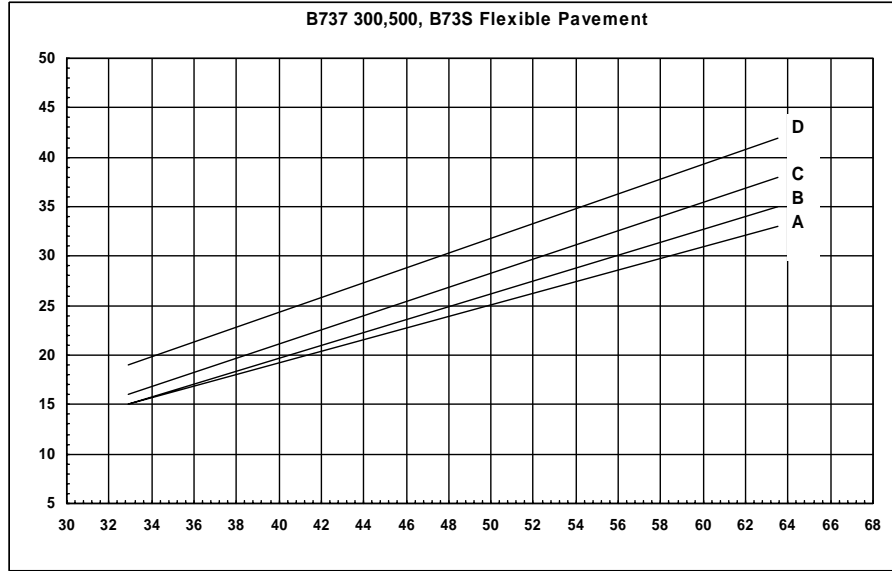
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
27.868	13	14	15	17
56.699	28	30	33	37



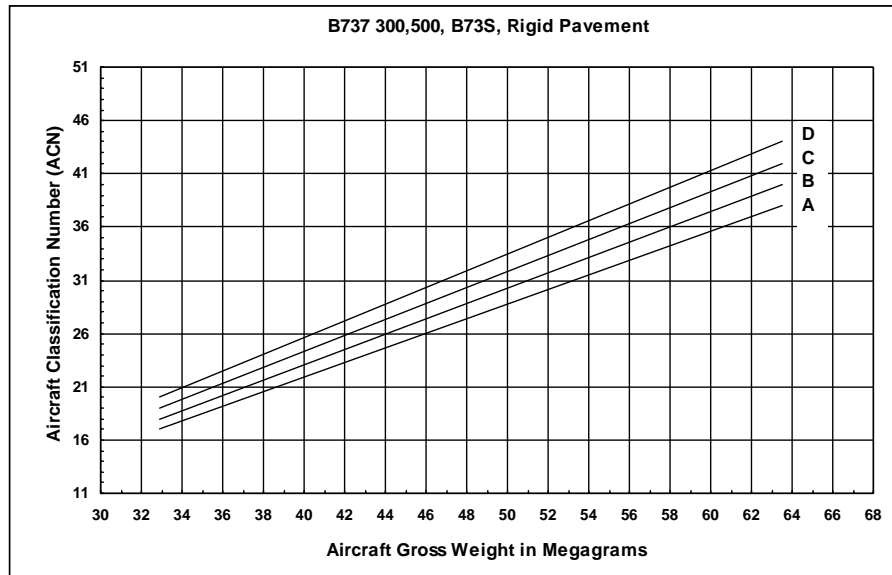
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
27.868	15	16	17	18
56.699	33	34	36	38

SOURCE: AFCESA 2002

BOEING 737-300, 500



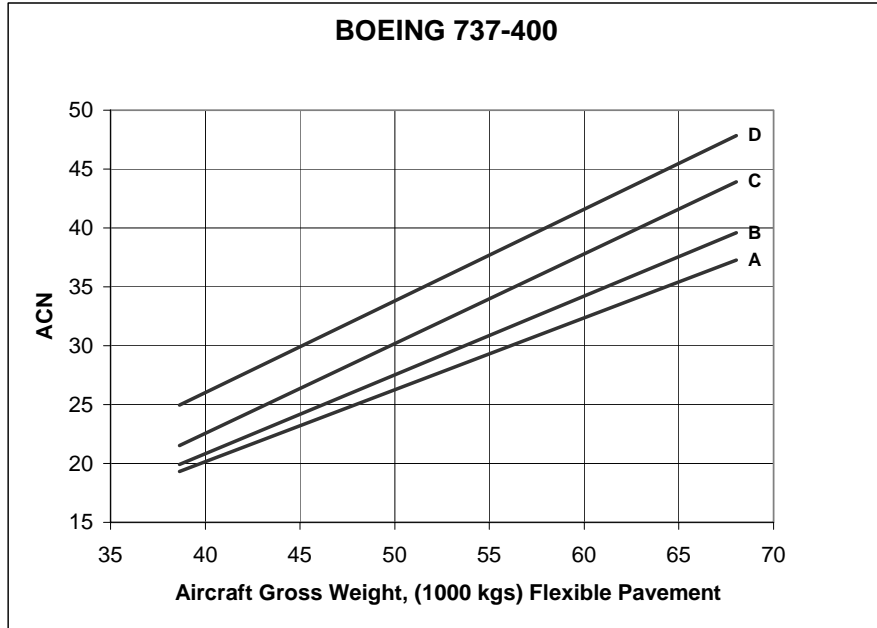
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
32.9	15	15	16	19
63.5	33	35	38	42



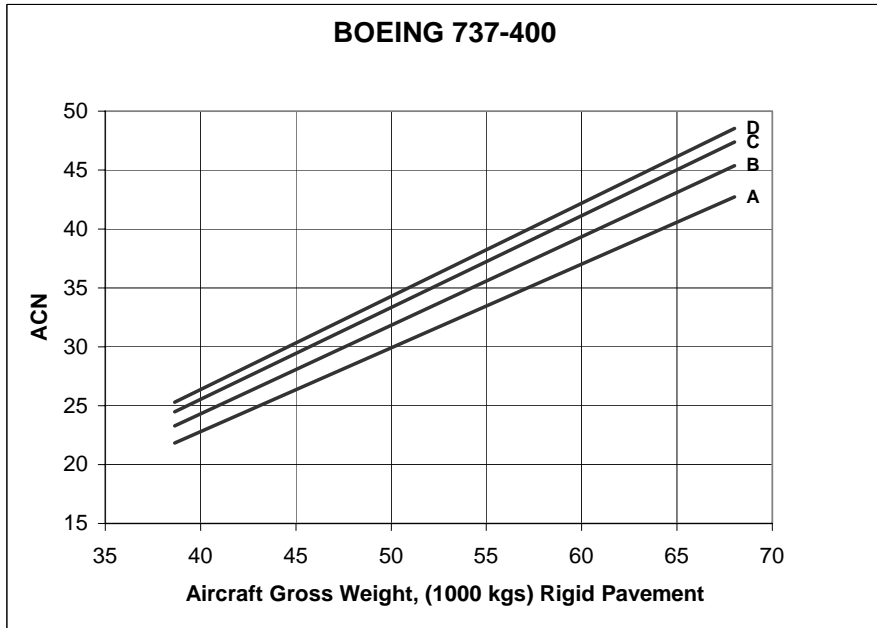
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
32.9	17	18	19	20
63.5	38	40	42	44

SOURCE: AFCESA 2002

BOEING 737-400



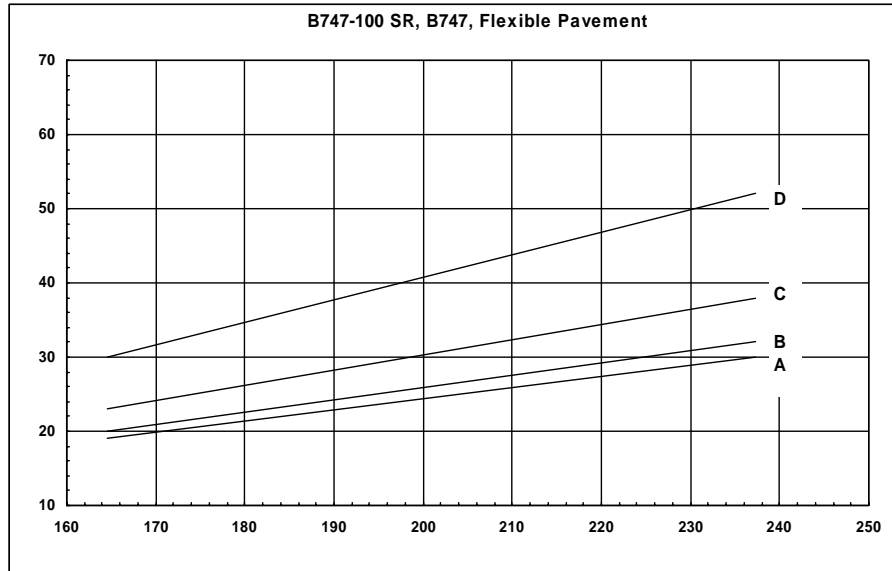
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
38.6 MIN	19.3	19.9	21.5	25.0
68 MAX	37.3	39.6	43.9	47.8



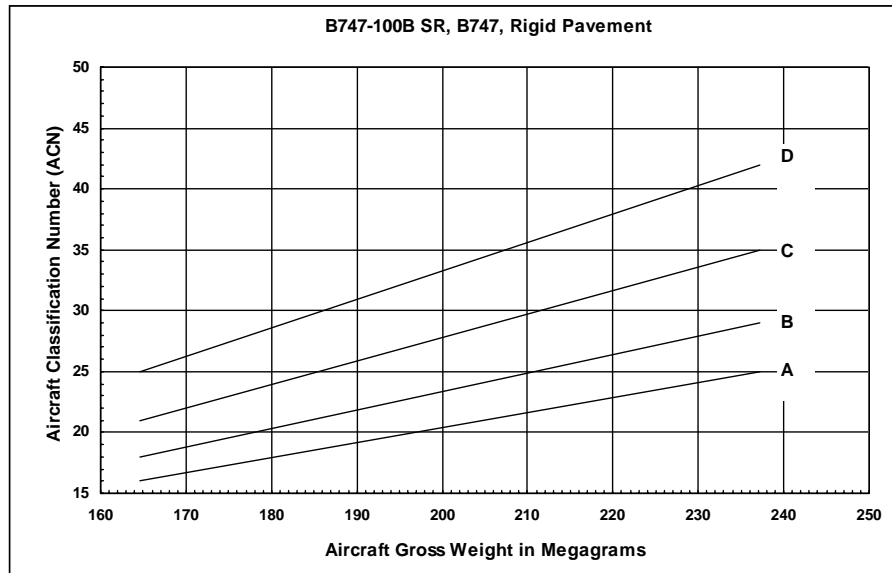
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
38.6 MIN	21.8	23.3	24.5	25.3
68 MAX	42.7	45.4	47.4	48.5

SOURCE: PCASE 2003

BOEING 747-100 SR



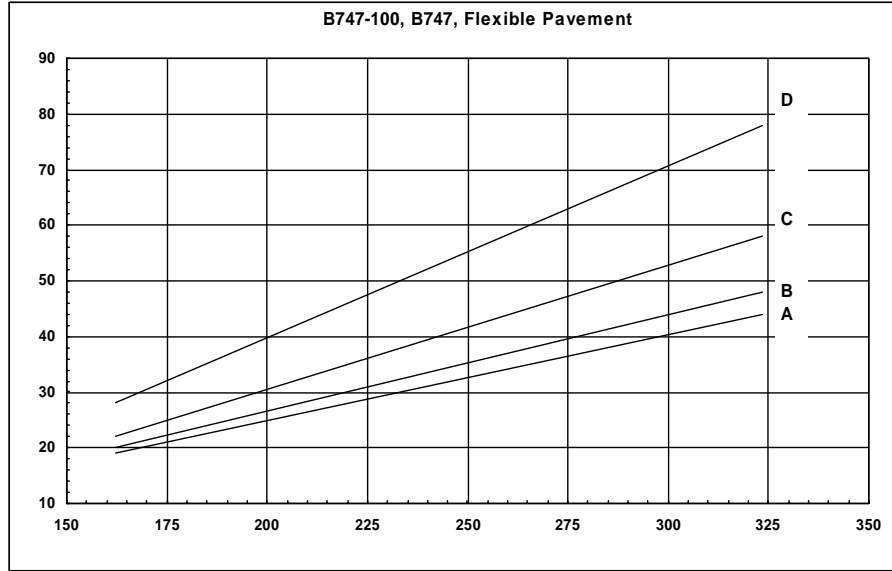
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
164.543	19	20	23	30
237.228	30	32	38	52



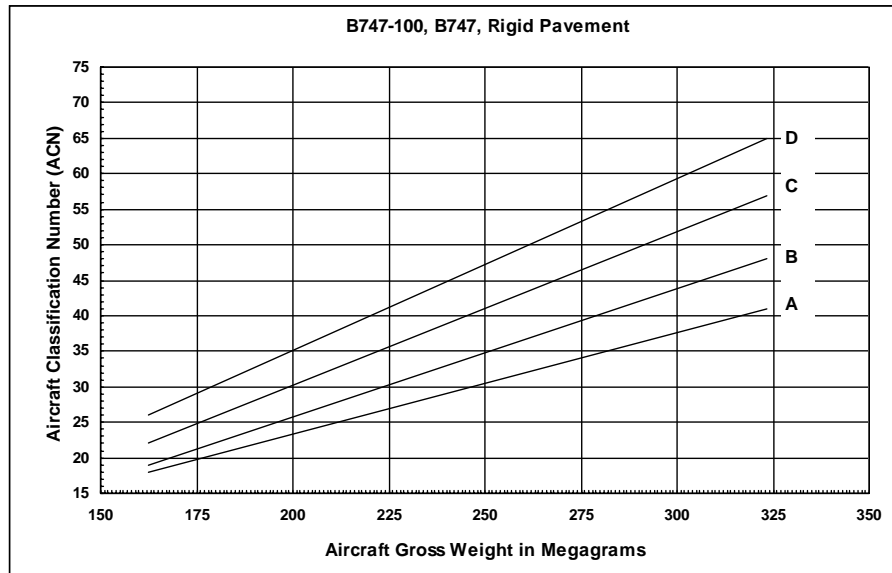
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
164.543	16	18	21	25
237.228	25	29	35	42

SOURCE: AFCESA 2002

BOEING 747-100, 747SP



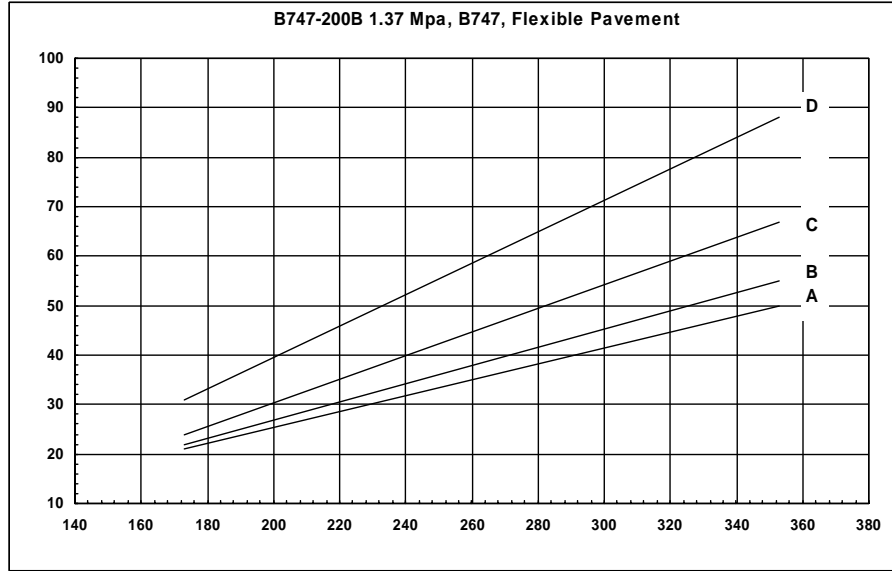
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
162.385	19	20	22	28
323.41	44	48	58	78



Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
162.385	18	19	22	26
323.41	41	48	57	65

SOURCE: AFCESA 2002

BOEING 747-200



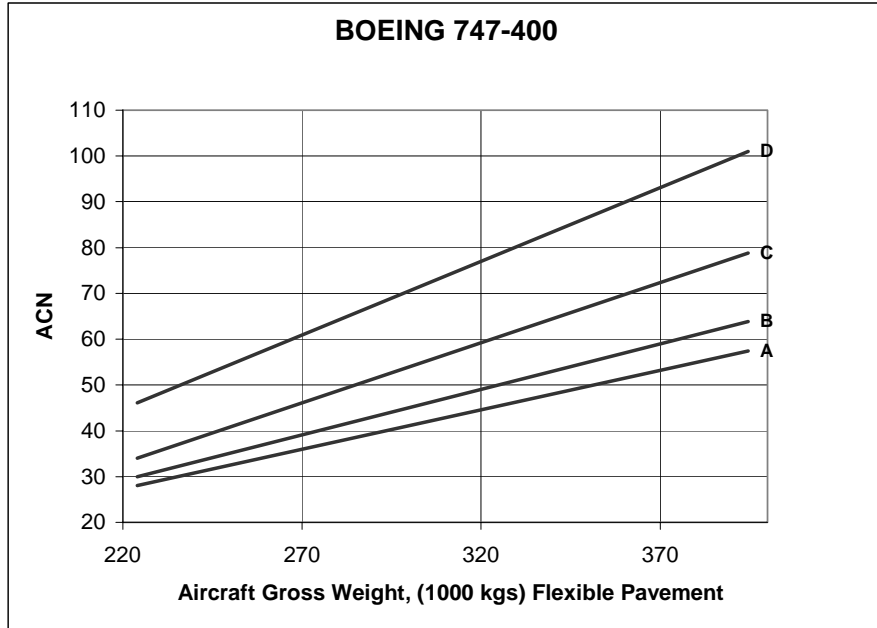
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
172.886	21	22	24	31
352.893	50	55	67	88



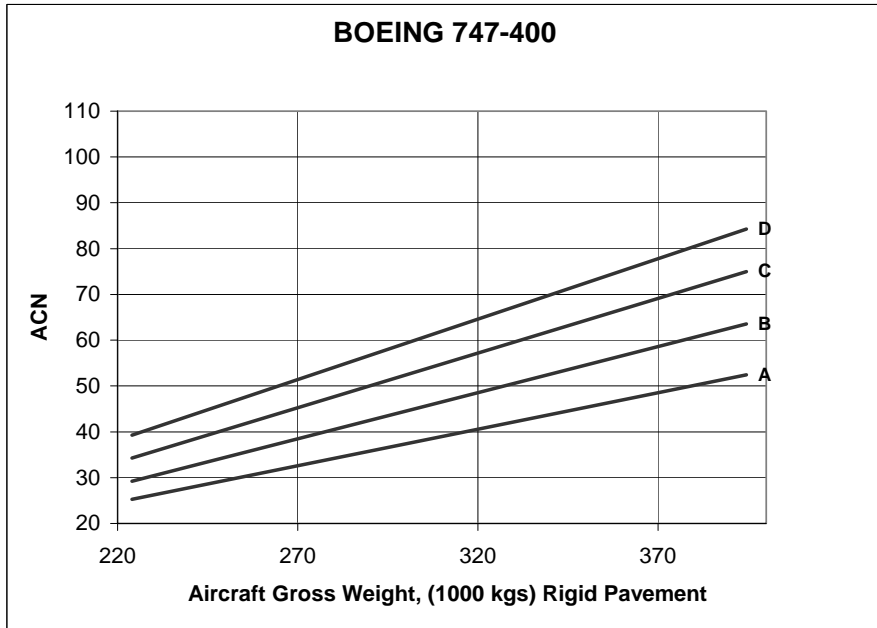
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
172.886	19	21	24	28
352.893	46	54	64	73

SOURCE: AFCESA 2002

BOEING 747-400



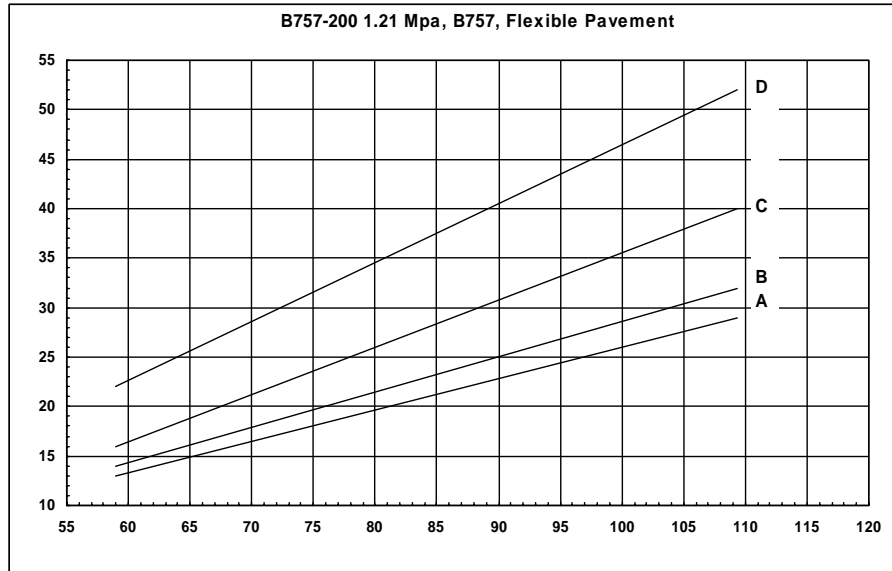
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
224 MIN	28.1	30.0	34.0	46.1
394.5 MAX	57.5	63.9	78.8	101.0



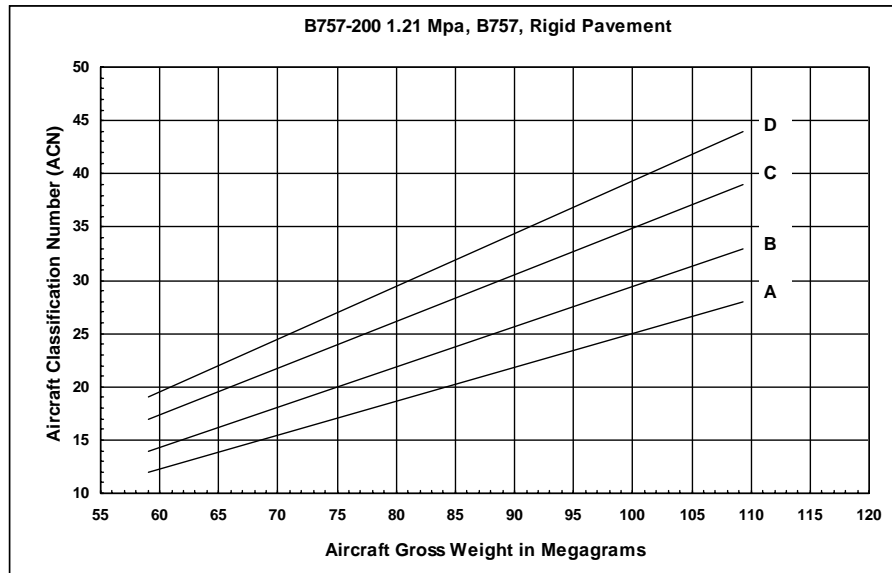
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
224 MIN	25.3	29.2	34.3	39.3
394.5 MAX	52.5	63.5	74.9	84.3

SOURCE: PCASE 2003

BOEING 757-200



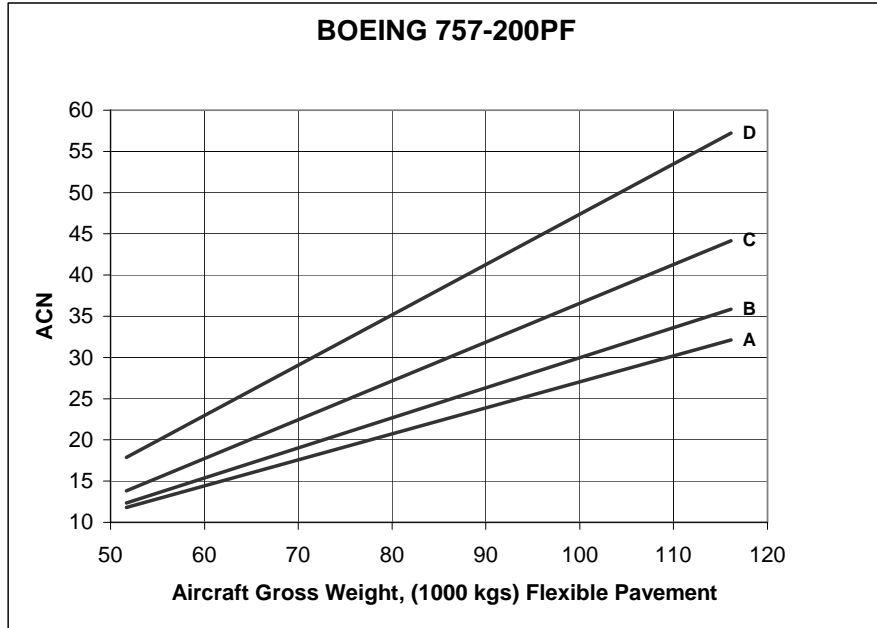
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
59.013	13	14	16	22
109.318	29	32	40	52



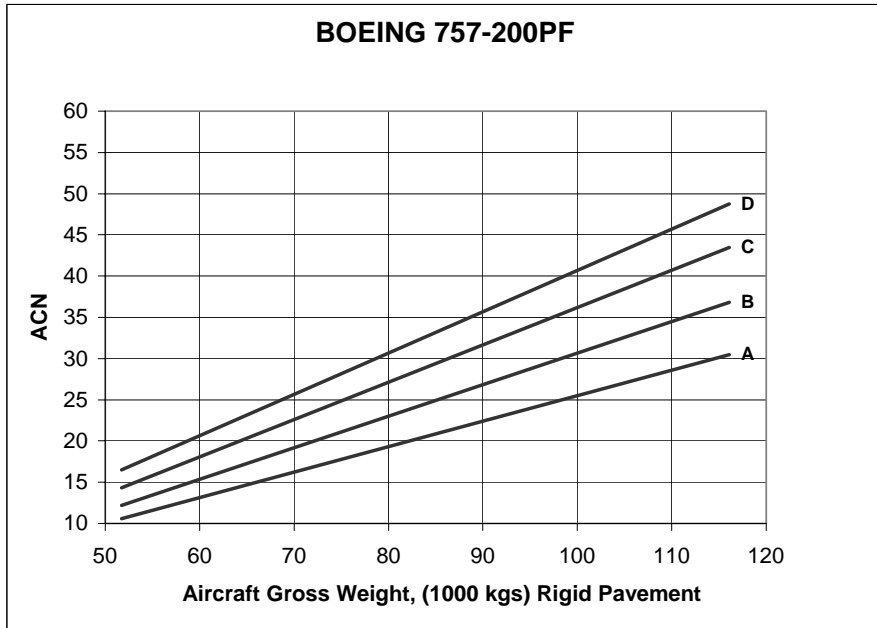
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
59.013	12	14	17	19
109.318	28	33	39	44

SOURCE: AFCESA 2002

BOEING 757-200PF



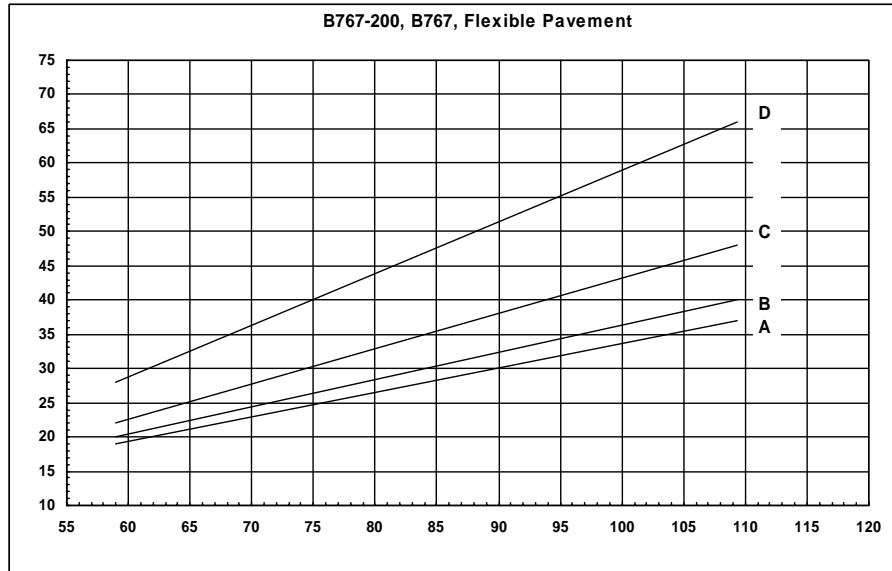
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
51.7 MIN	11.8	12.3	13.8	17.9
116.1 MAX	32.1	35.8	44.1	57.2



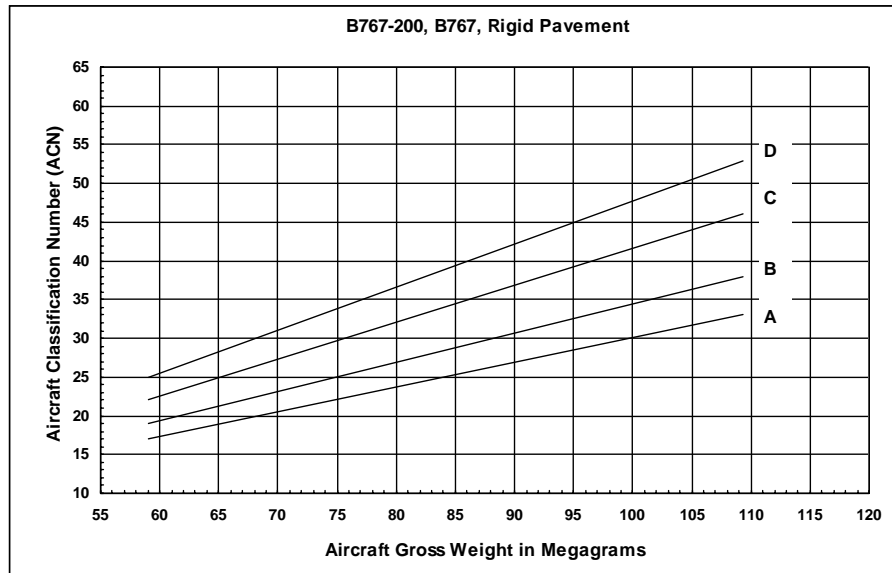
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
51.7 MIN	10.6	12.2	14.3	16.5
116.1 MAX	30.5	36.8	43.5	48.8

SOURCE: PCASE 2003

BOEING 767-200



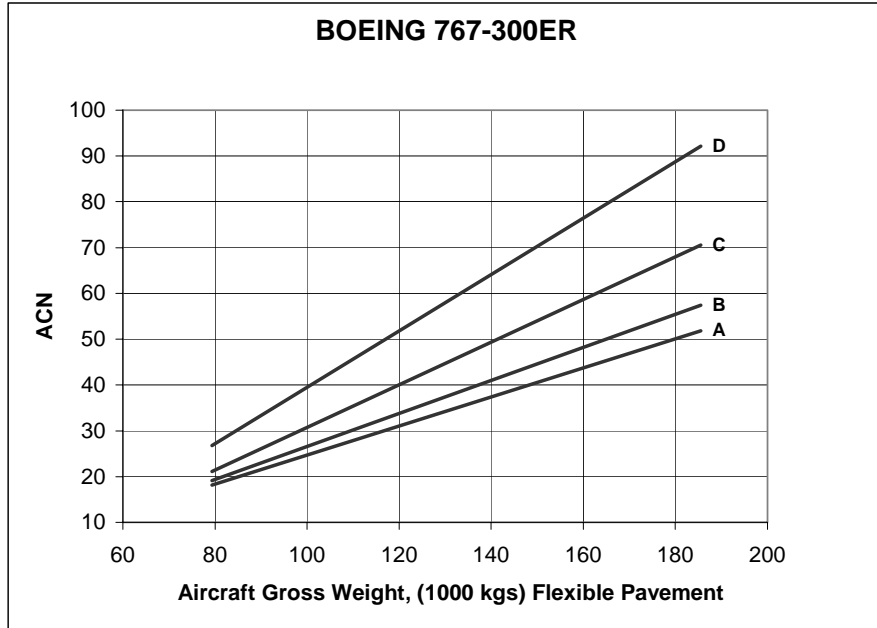
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
59.013	19	20	22	28
109.318	37	40	48	66



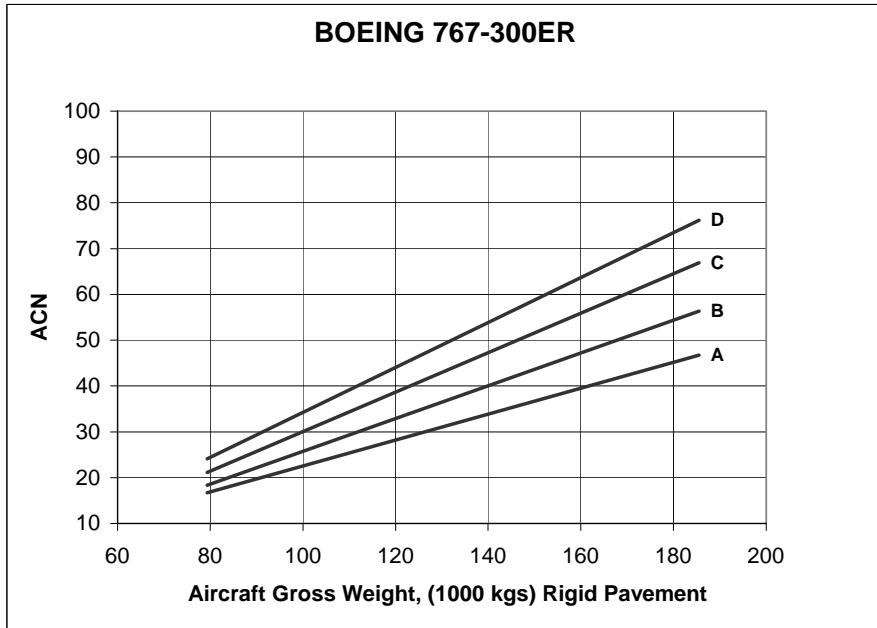
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
59.013	17	19	22	25
109.318	33	38	46	53

SOURCE: AFCESA 2002

BOEING 767-300ER



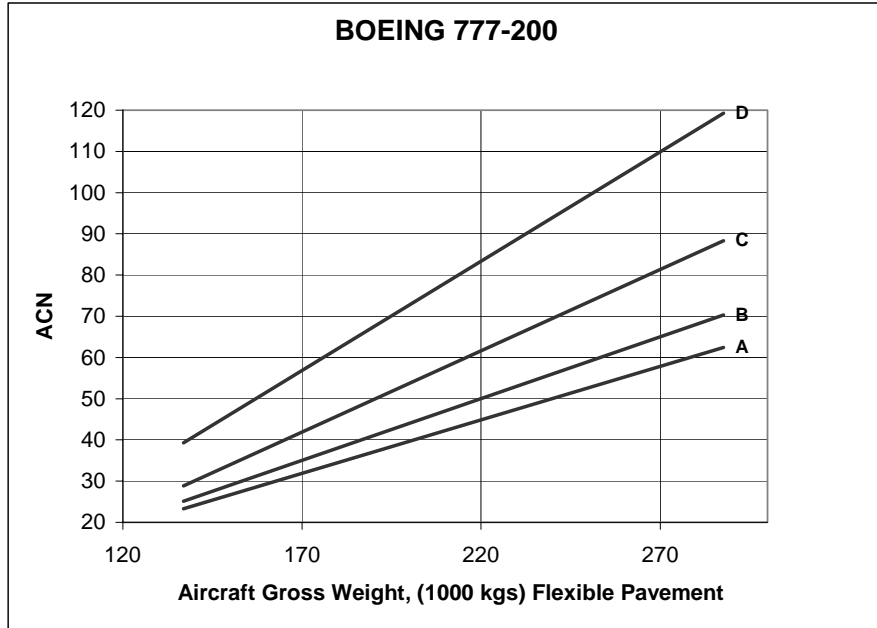
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
79.4 MIN	18.2	19.1	21.1	26.7
185.5 MAX	51.9	57.4	70.6	92.1



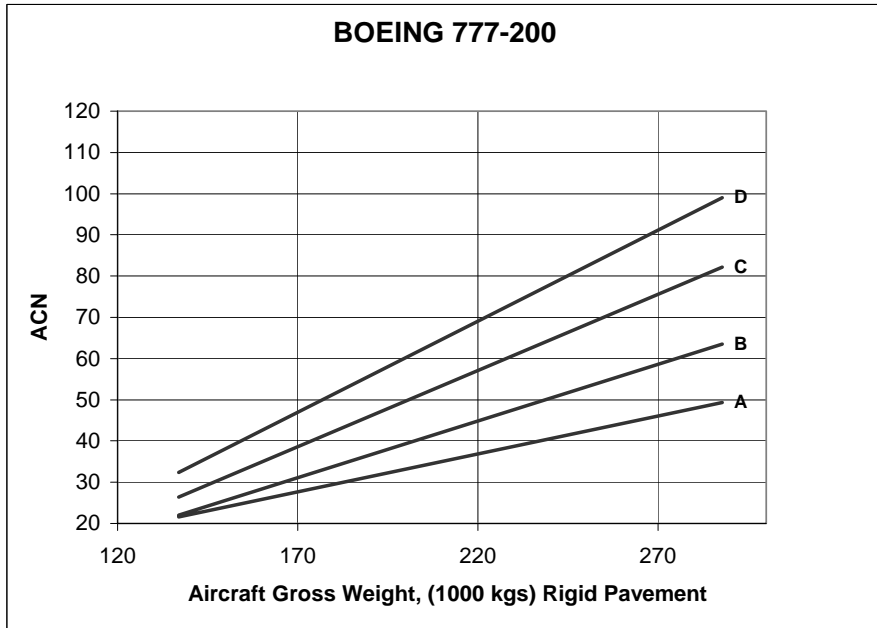
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
79.4 MIN	16.7	18.4	21.1	24.1
185.5 MAX	46.8	56.3	66.9	76.2

SOURCE: PCASE 2003

BOEING 777-200



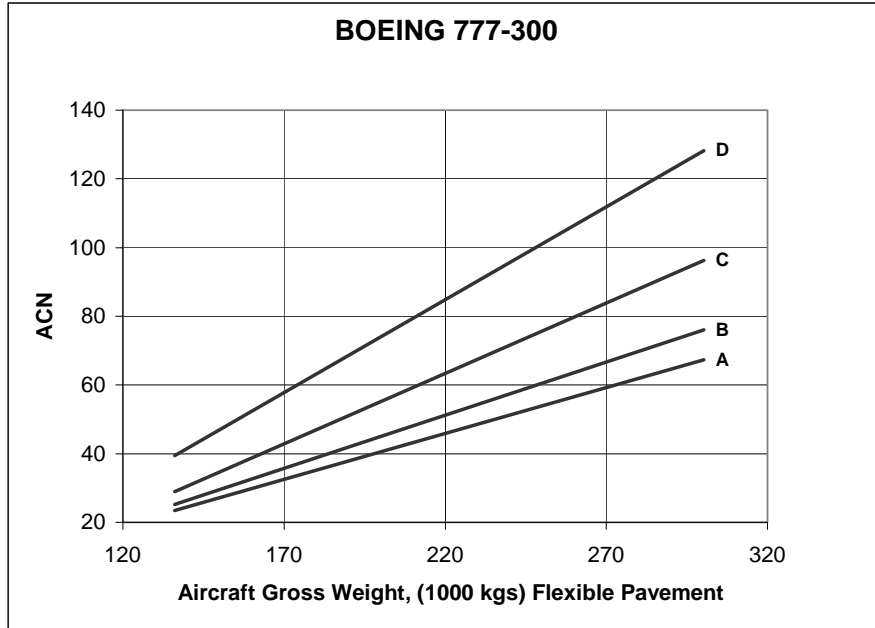
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
137 MIN	23.3	25.1	28.8	39.3
287.7 MAX	62.4	70.3	88.3	119.3



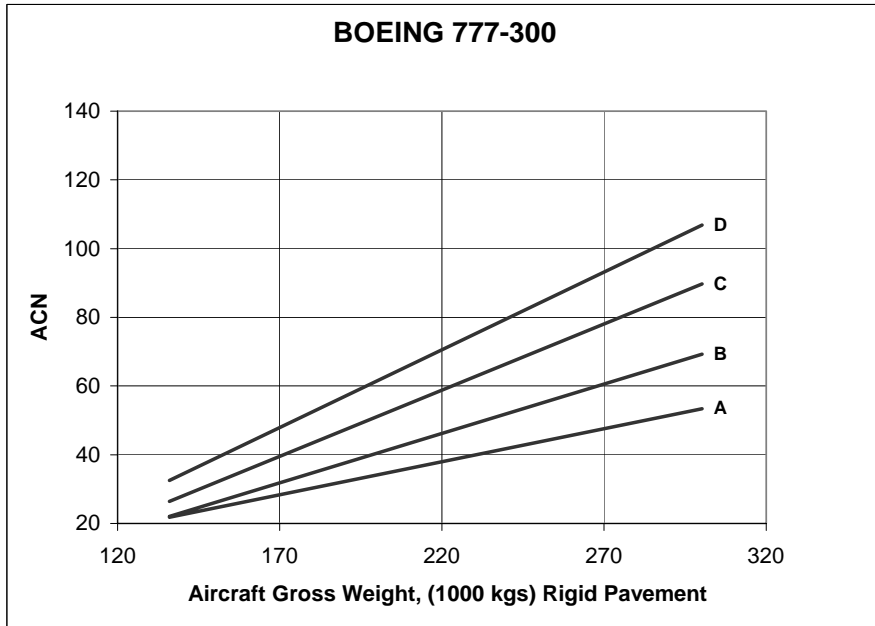
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
137 MIN	21.6	22.0	26.4	32.3
287.7 MAX	49.3	63.5	82.1	99.0

SOURCE: PCASE 2003

BOEING 777-300



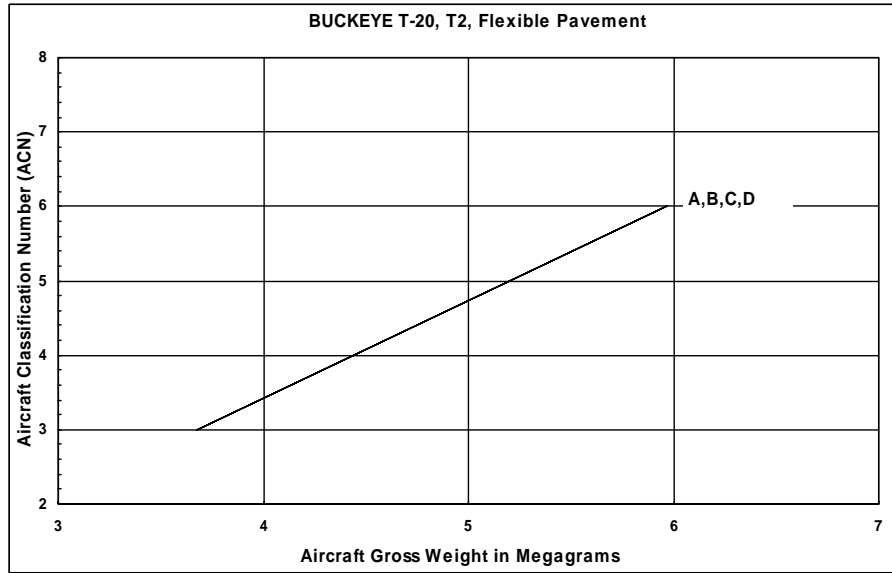
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
136.1 MIN	23.4	25.2	29.0	39.5
300.2 MAX	67.4	76.1	96.2	128.2



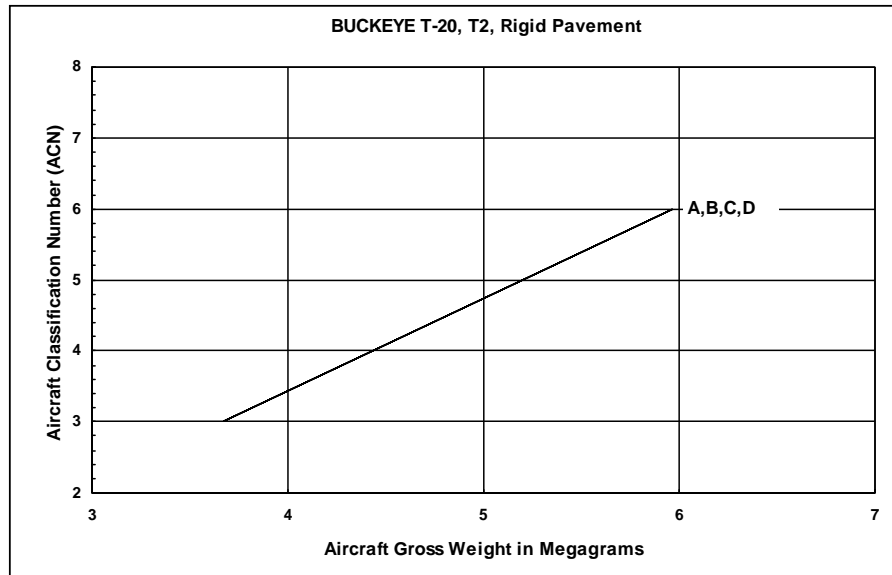
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
136.1 MIN	21.8	22.0	26.4	32.5
300.2 MAX	53.4	69.2	89.7	106.8

SOURCE: PCASE 2003

BUCKEYE T-20, T2



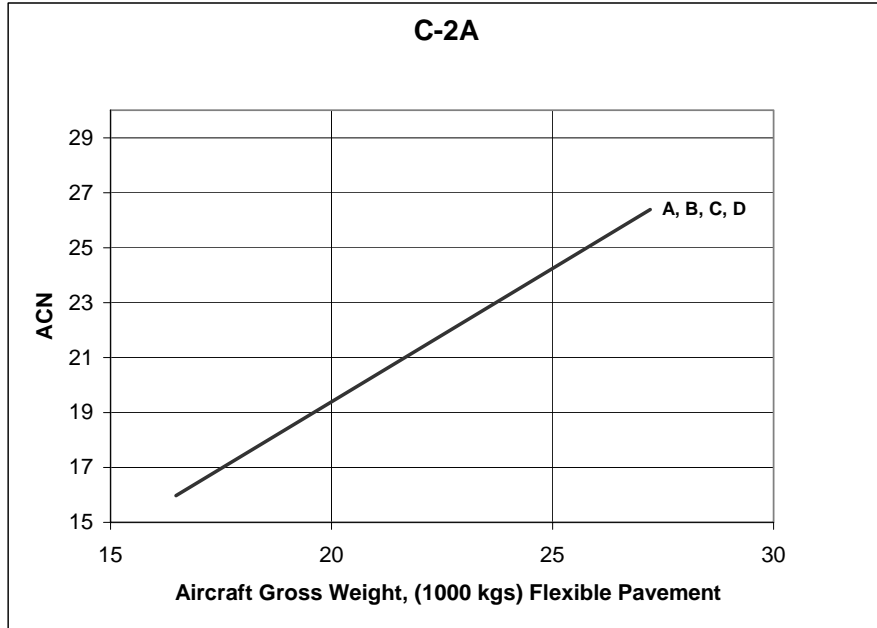
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.674	3	3	3	3
5.967	6	6	6	6



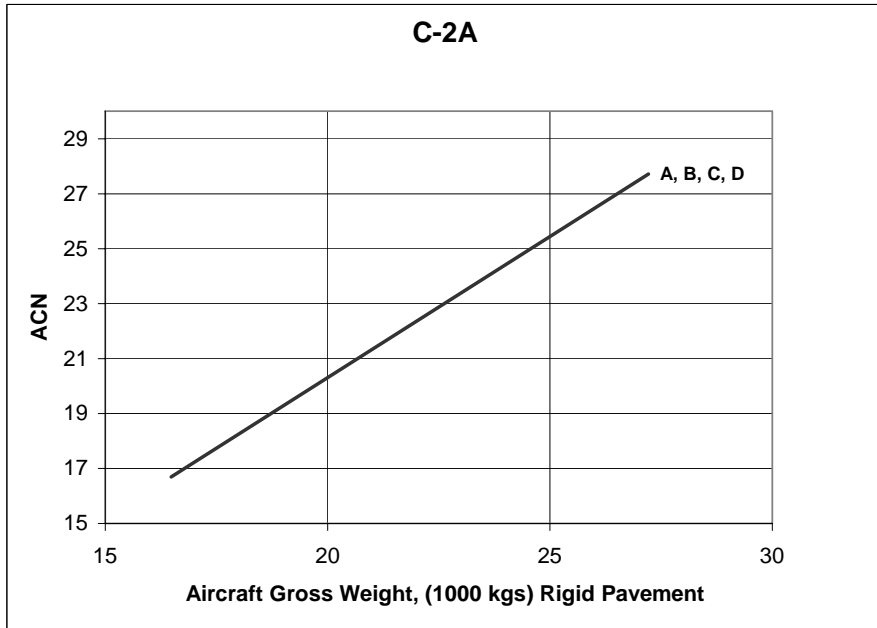
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.674	3	3	3	3
5.967	6	6	6	6

SOURCE: AFCESA 2002

C-2A



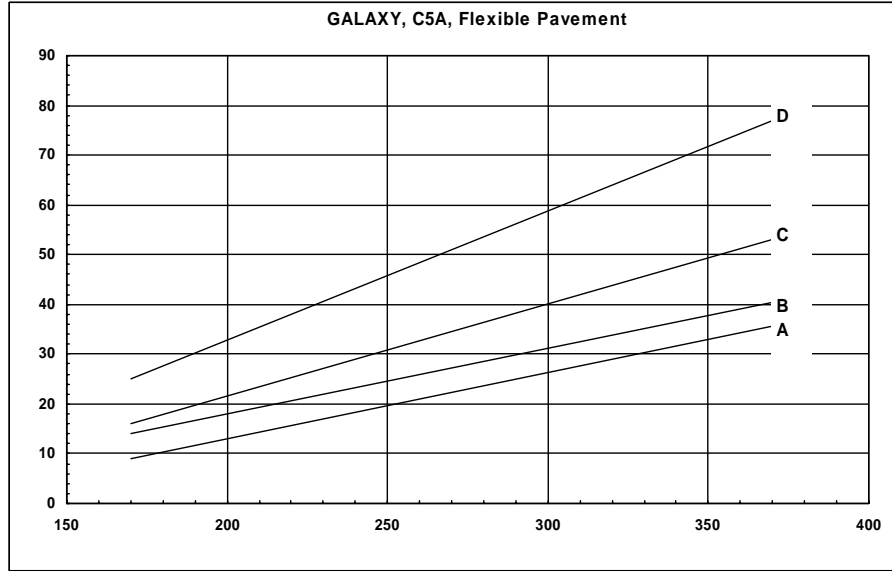
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
16.5 MIN	16.0	16.0	16.0	16.0
27.2 MAX	26.4	26.4	26.4	26.4



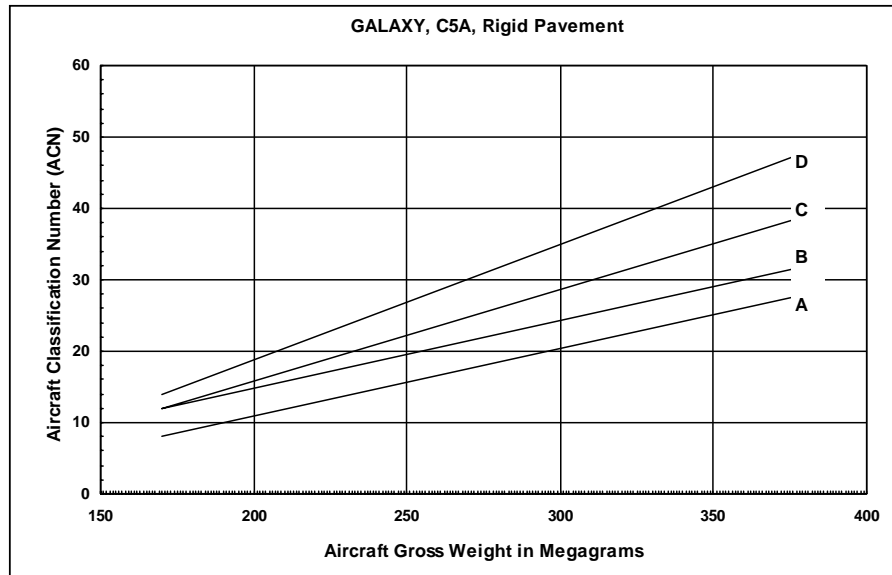
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
16.5 MIN	16.7	16.7	16.7	16.7
27.2 MAX	27.7	27.7	27.7	27.7

SOURCE: PCASE 2003

C-5A GALAXY



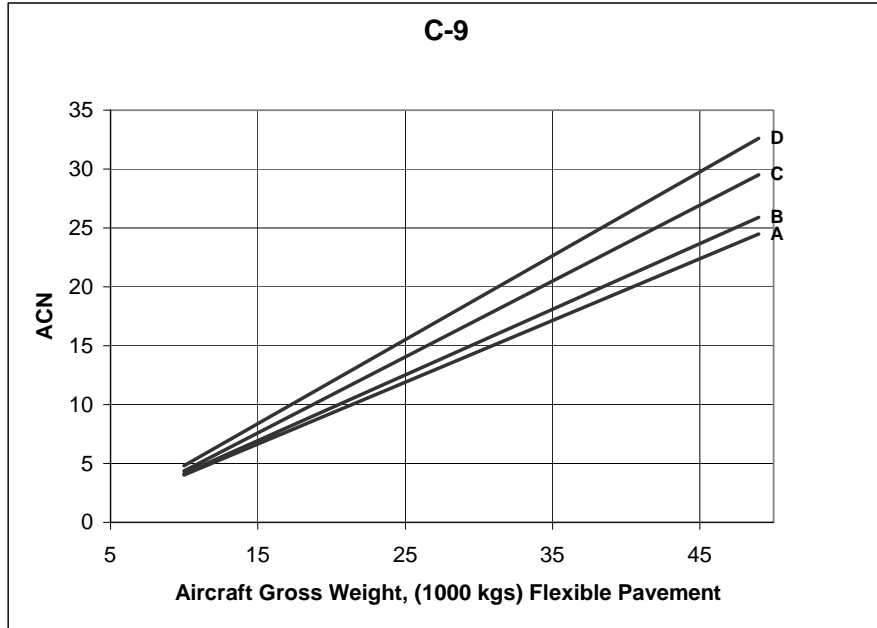
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
170.008	9	14	16	25
381.022	37	42	55	80



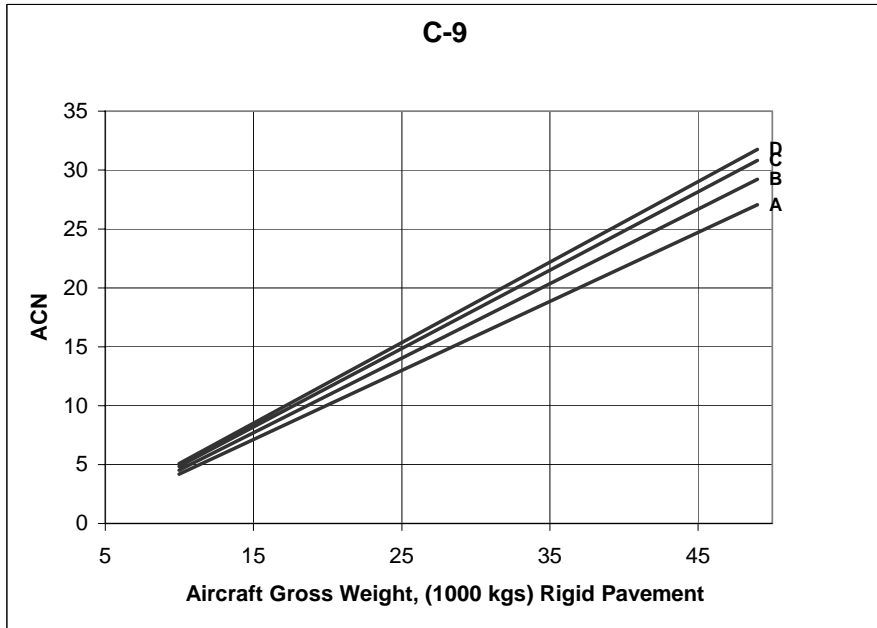
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
170.008	8	12	12	14
381.022	28	32	39	48

SOURCE: AFCESA 2002

C-9



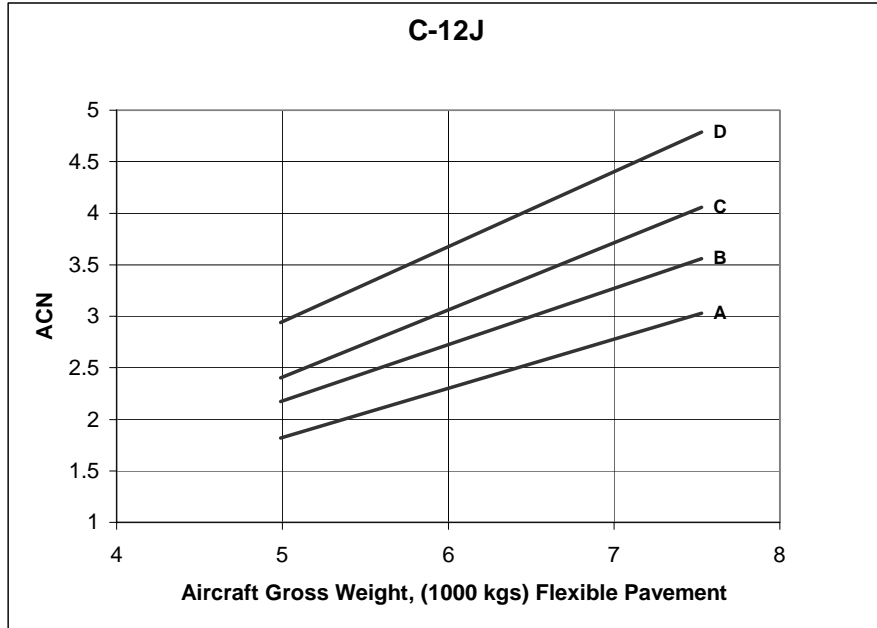
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10 MIN	4.0	4.1	4.4	4.8
49 MAX	24.5	25.9	29.5	32.6



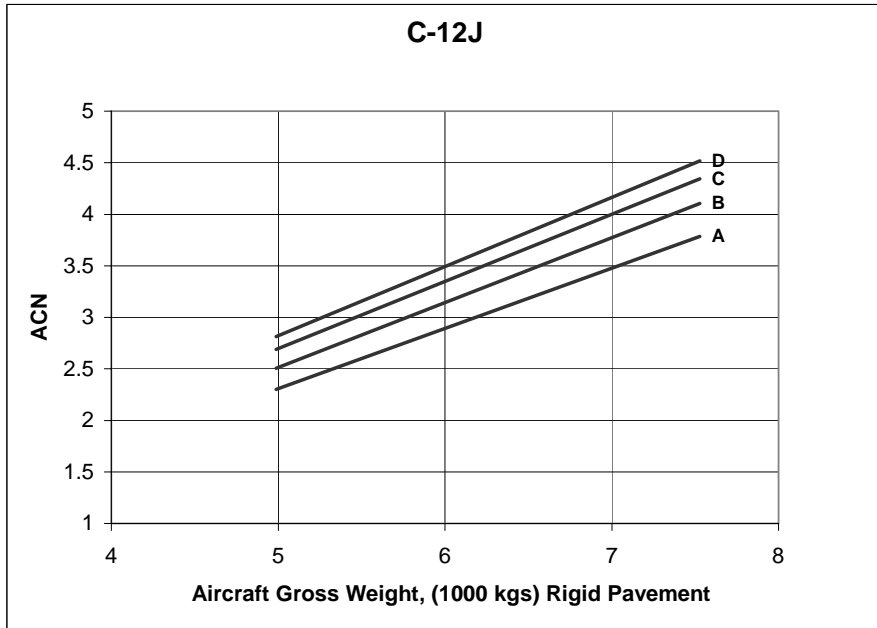
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10 MIN	4.2	4.5	4.8	5.1
49 MAX	27.1	29.2	30.8	31.8

SOURCE: PCASE 2003

C-12J



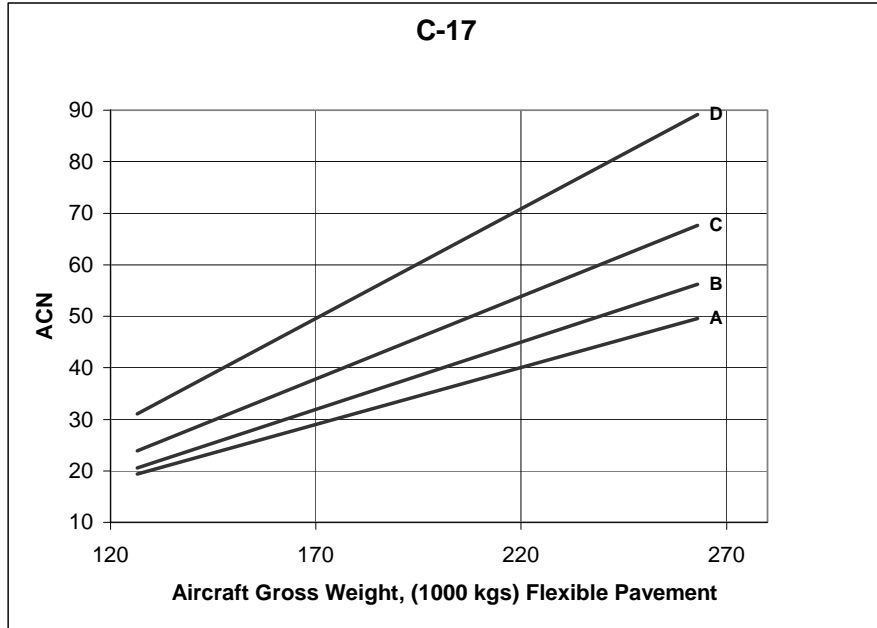
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5 MIN	1.8	2.2	2.4	2.9
7.5 MAX	3.0	3.6	4.1	4.8



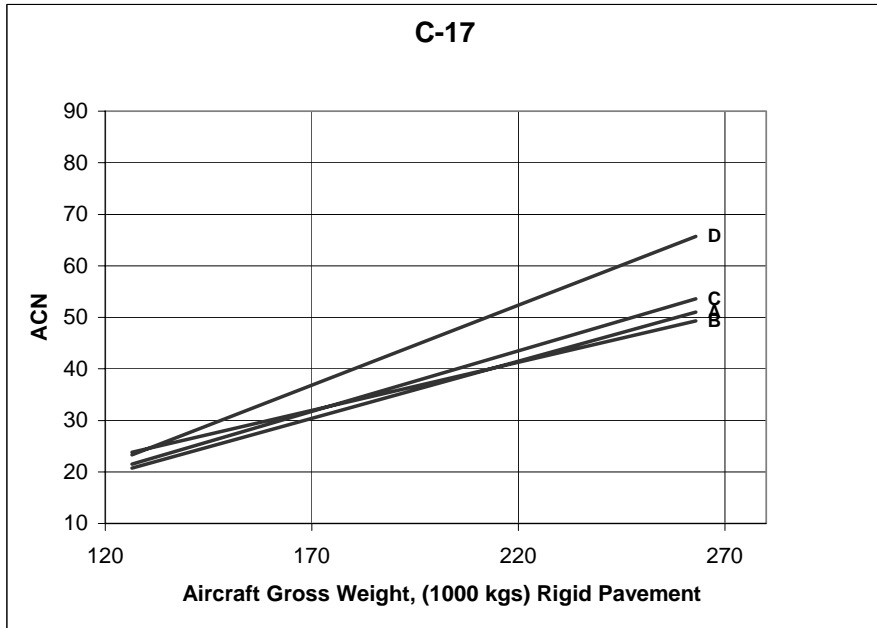
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5 MIN	2.3	2.5	2.7	2.8
7.5 MAX	3.8	4.1	4.3	4.5

SOURCE: PCASE 2003

C-17



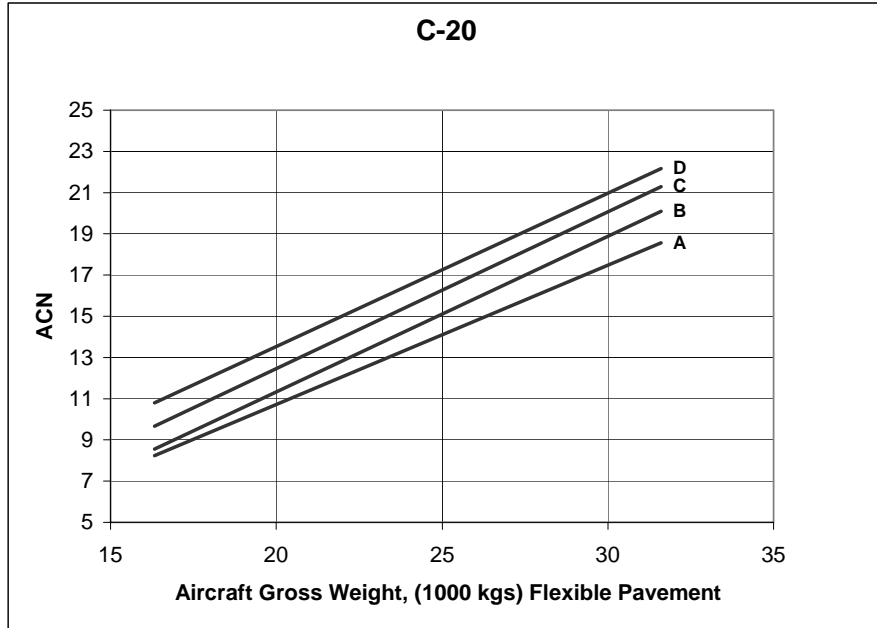
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
126.5 MIN	19.4	20.6	23.9	31.0
263 MAX	49.6	56.2	67.6	89.2



Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
126.5 MIN	20.7	23.8	21.5	23.3
263 MAX	51.0	49.3	53.6	65.7

SOURCE: PCASE 2003

C-20



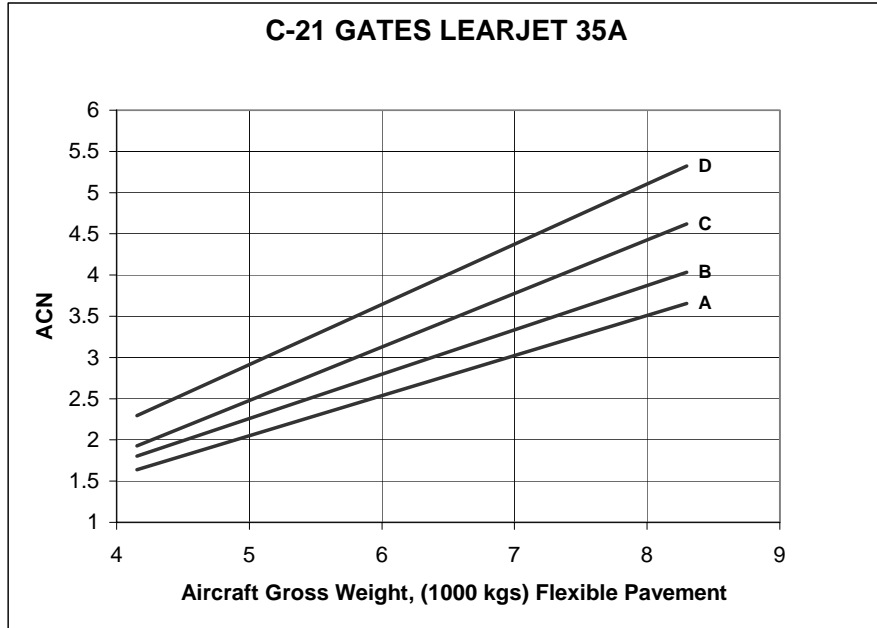
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
16.3 MIN	8.2	8.6	9.7	10.8
31.6 MAX	18.6	20.1	21.3	22.2



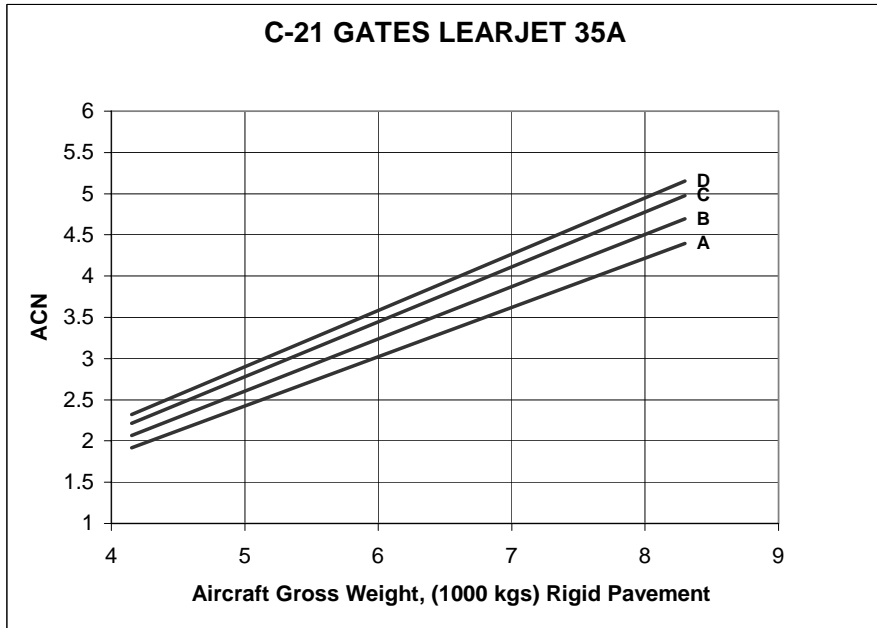
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
16.3 MIN	9.7	10.3	10.7	10.9
31.6 MAX	21.5	22.4	23.1	23.3

SOURCE: PCASE 2003

C-21 GATES LEARJET 35A



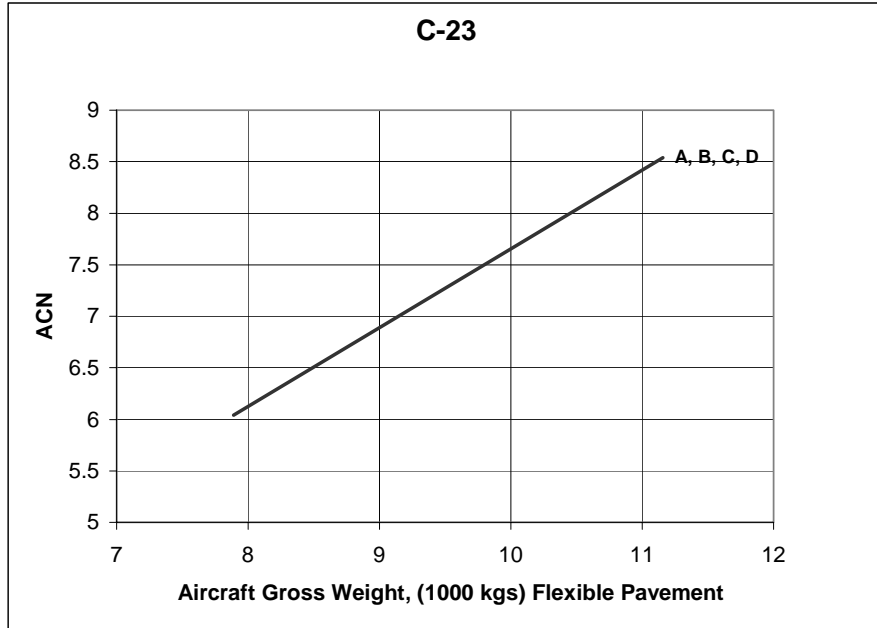
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.2 MIN	1.6	1.8	1.9	2.3
8.3 MAX	3.7	4.0	4.6	5.3



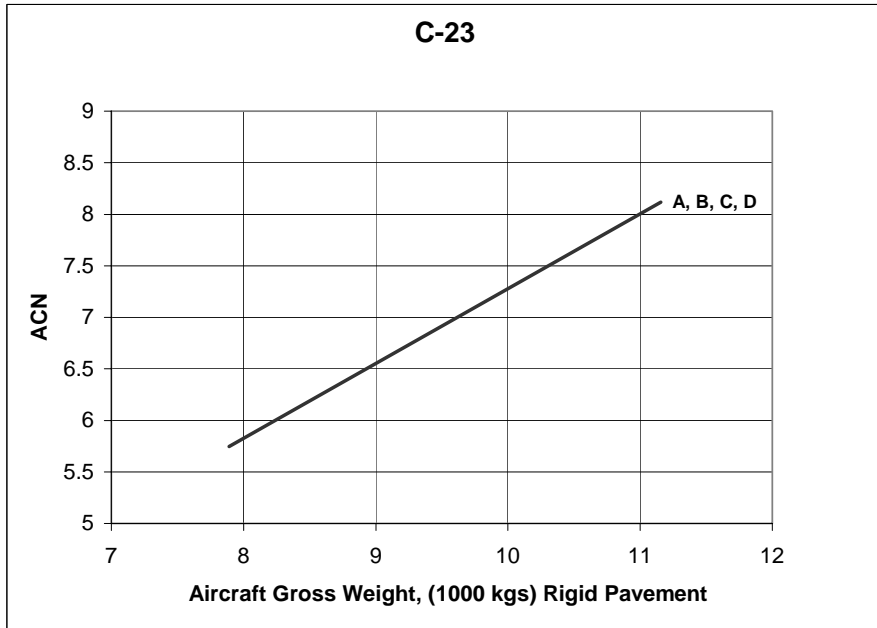
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.2 MIN	1.9	2.1	2.2	2.3
8.3 MAX	4.4	4.7	5.0	5.2

SOURCE: PCASE 2003

C-23



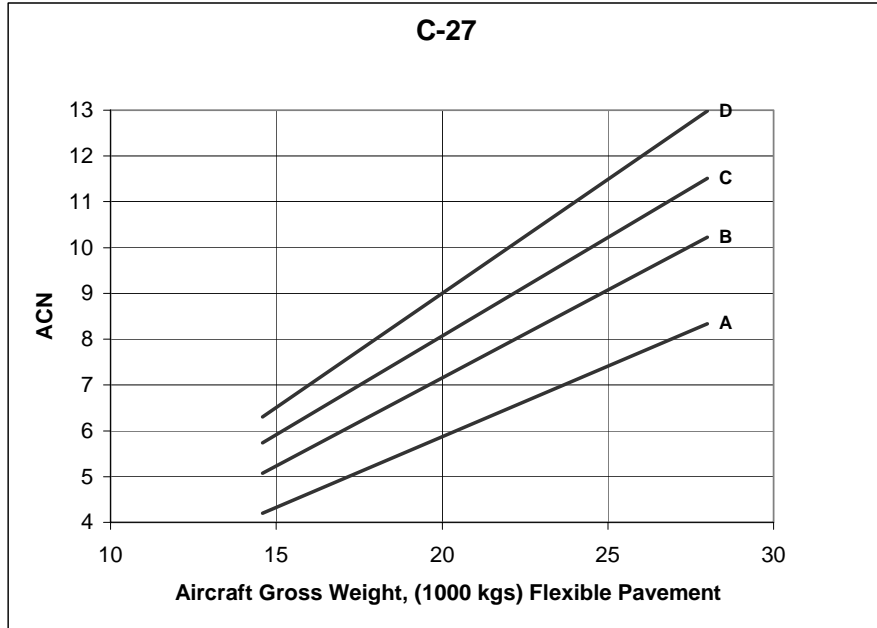
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.9 MIN	6.0	6.0	6.0	6.0
11.2 MAX	8.5	8.5	8.5	8.5



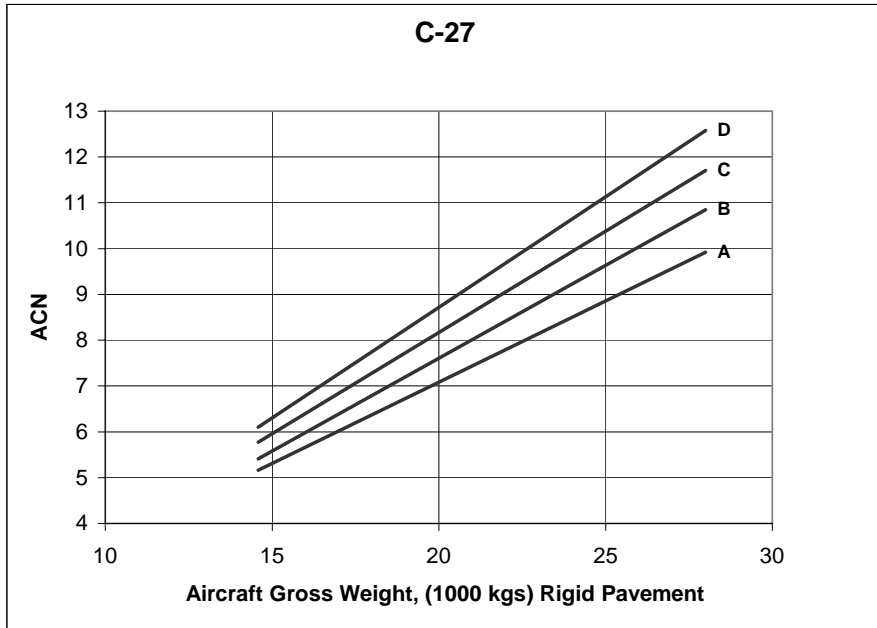
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.9 MIN	5.7	5.7	5.7	5.7
11.2 MAX	8.1	8.1	8.1	8.1

SOURCE: PCASE 2003

C-27



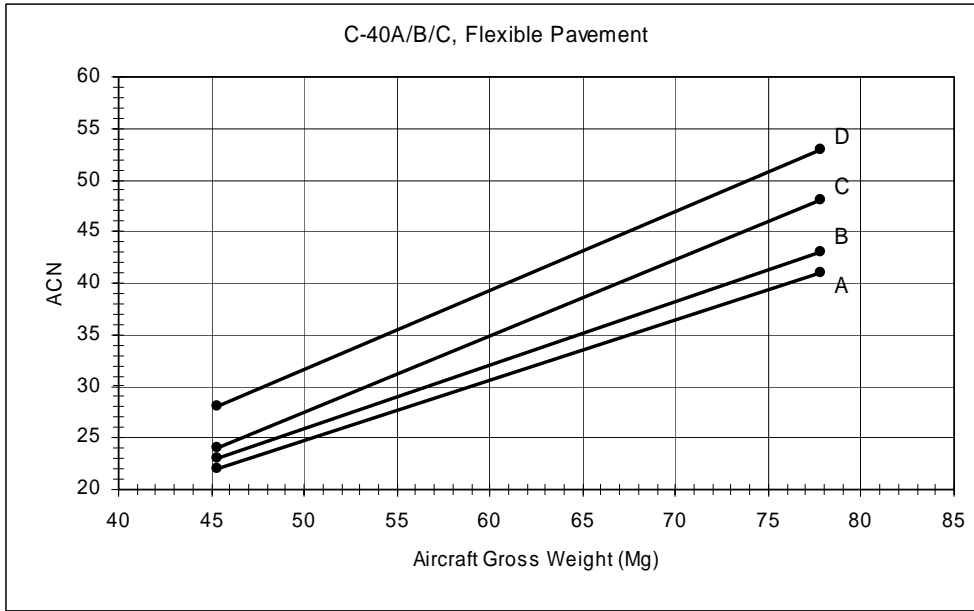
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.6 MIN	4.2	5.1	5.7	6.3
28 MAX	8.3	10.2	11.5	13.0



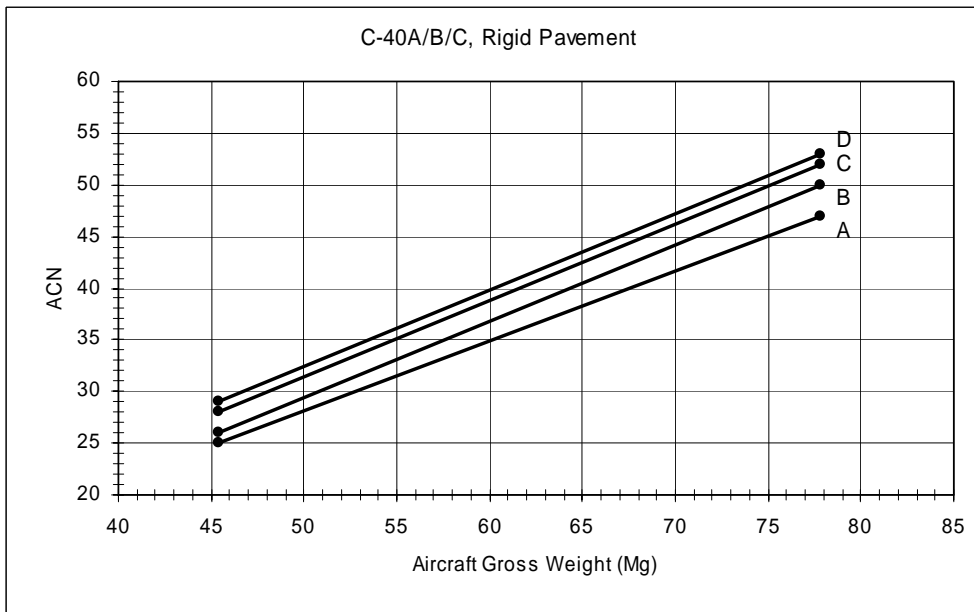
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.6 MIN	5.2	5.4	5.8	6.1
28 MAX	9.9	10.8	11.7	12.6

SOURCE: PCASE 2003

C-40A/B/C



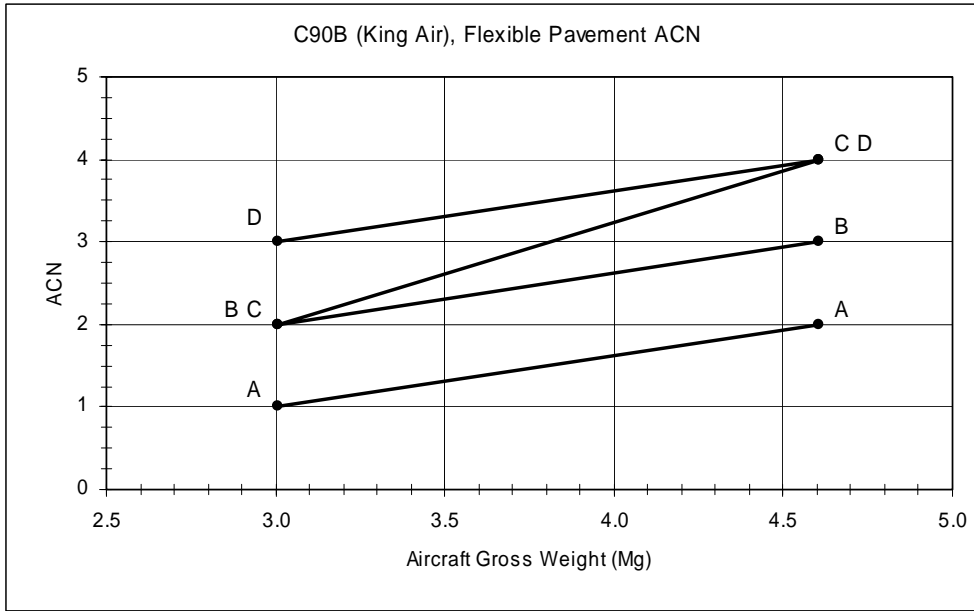
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
45.4	22	23	24	28
77.8	41	43	48	53



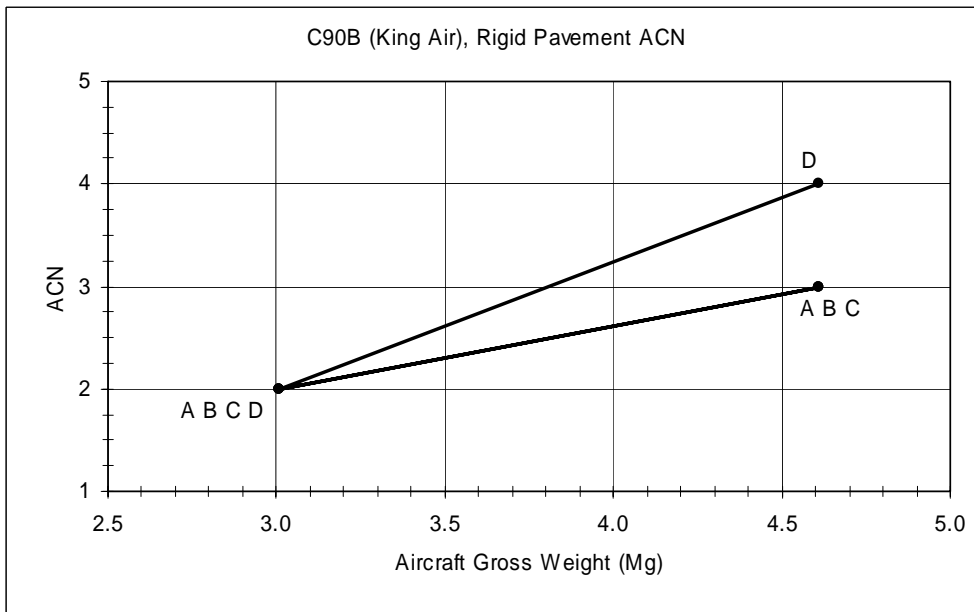
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
45.4	25	26	28	29
77.8	47	50	52	53

SOURCE: USA 4/13/2005

C-90B (King Air)



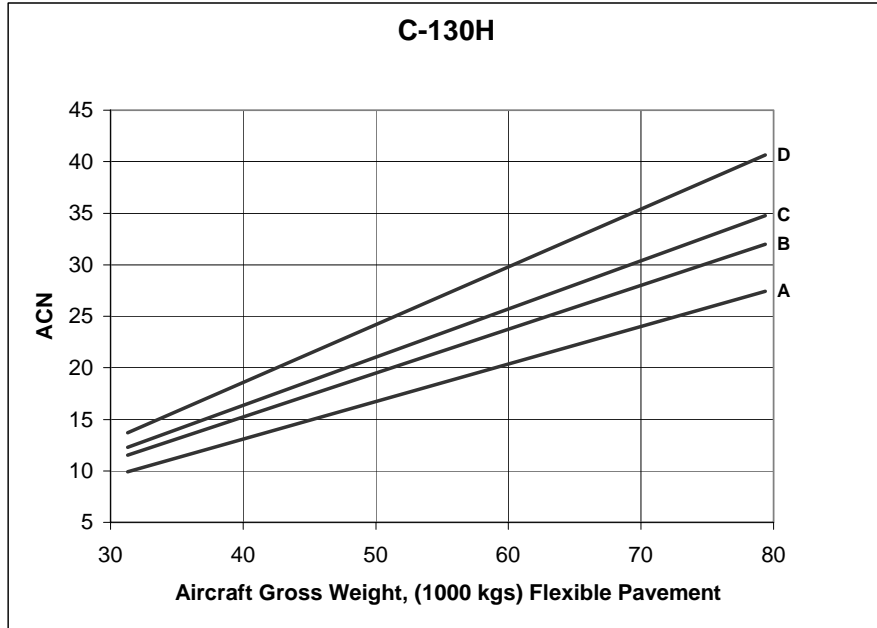
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3	1	2	2	3
5	2	3	4	4



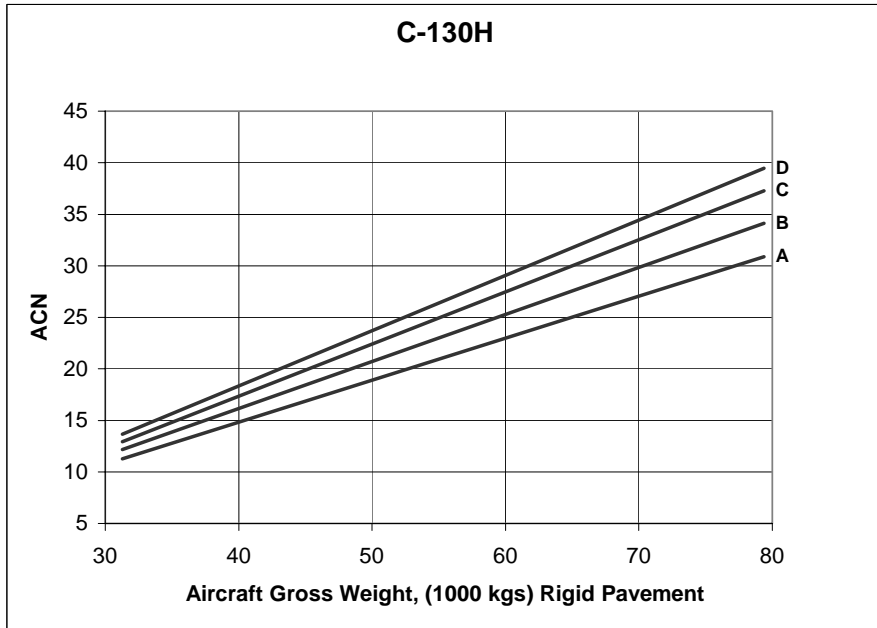
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.0	2	2	2	2
4.6	3	3	3	4

SOURCE: CAN 4/13/2005

C-130H



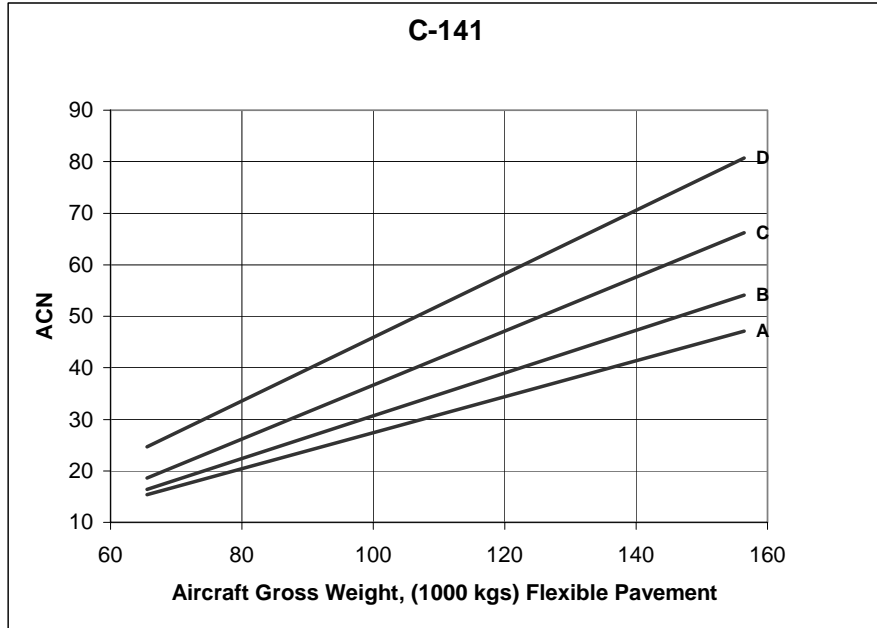
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
31.3 MIN	9.9	11.5	12.3	13.7
79.4 MAX	27.4	32.0	34.8	40.6



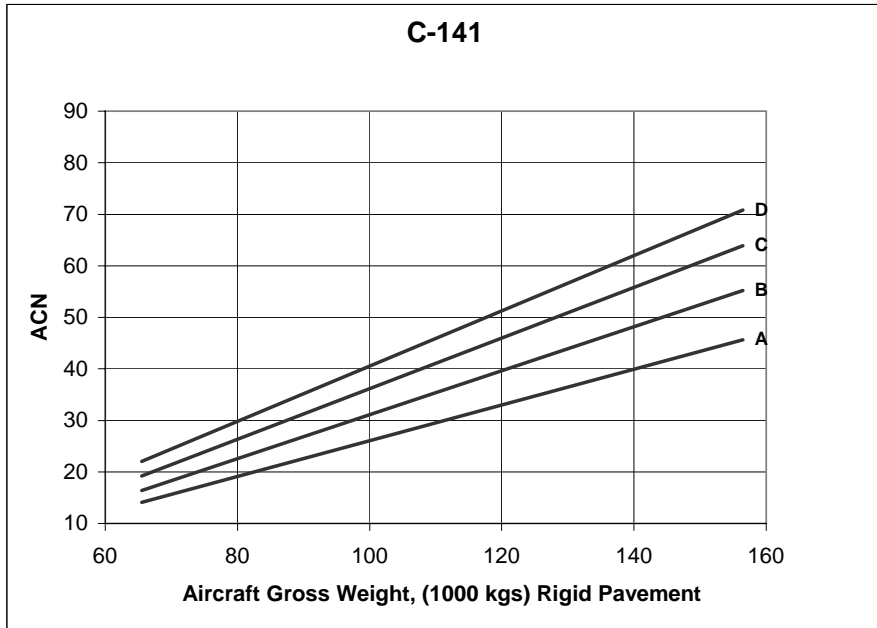
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
31.3 MIN	11.3	12.1	12.9	13.7
79.4 MAX	30.9	34.1	37.3	39.5

SOURCE: PCASE 2003

C-141



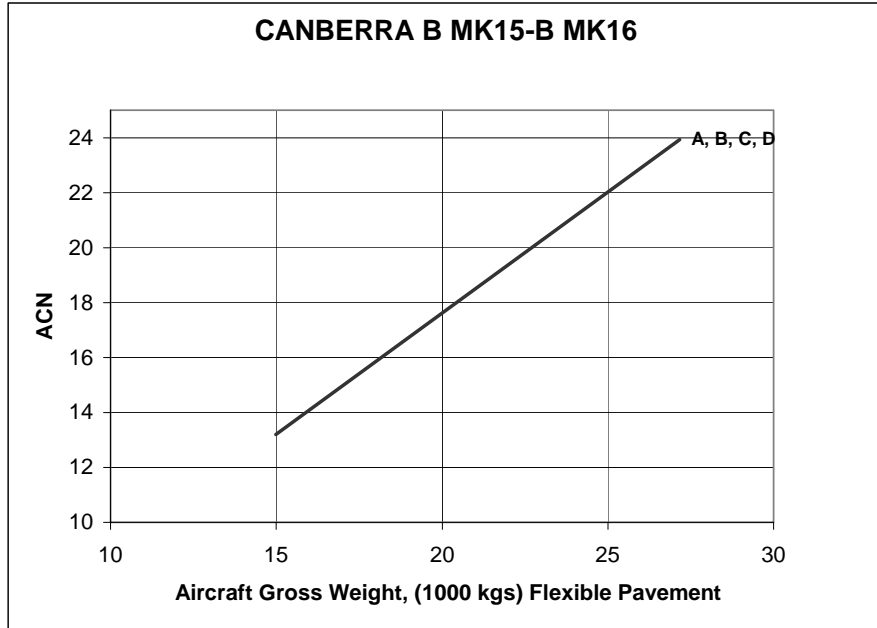
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
65.5 MIN	15.4	16.4	18.6	24.7
156.5 MAX	47.1	54.1	66.2	80.7



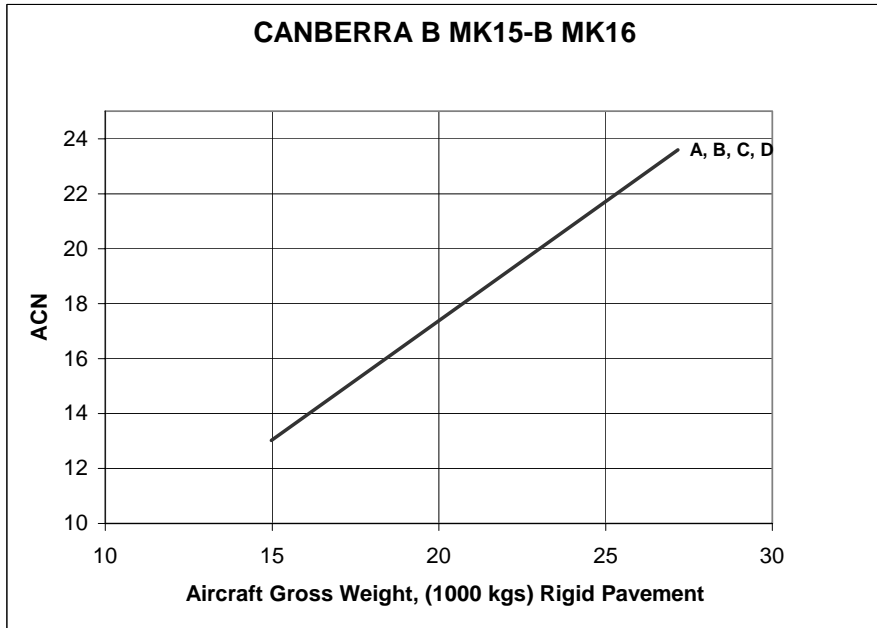
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
65.5 MIN	14.1	16.4	19.2	22.0
156.5 MAX	45.7	55.2	63.9	70.8

SOURCE: PCASE 2003

CANBERRA B MK15-B MK16



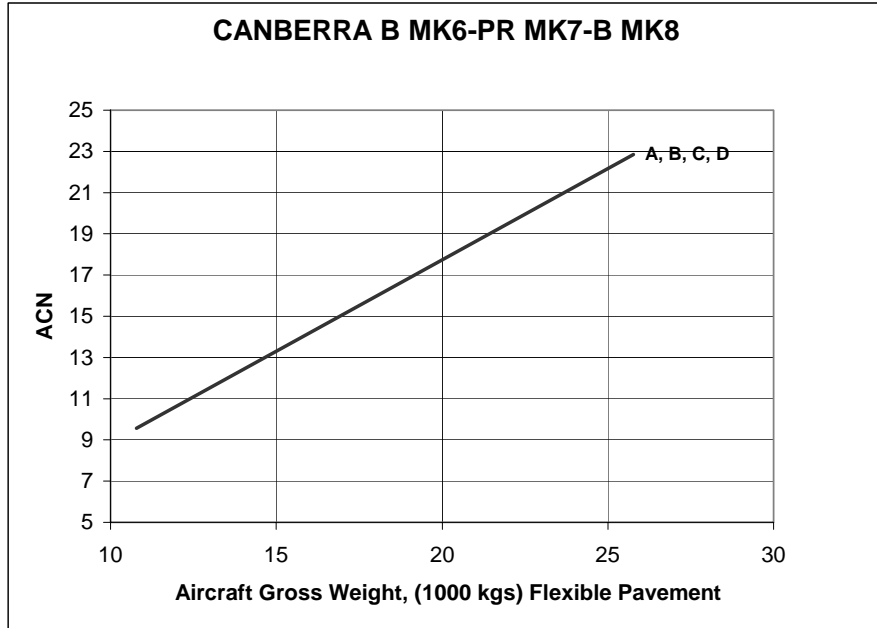
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
15 MIN	13.2	13.2	13.2	13.2
27.2 MAX	23.9	23.9	23.9	23.9



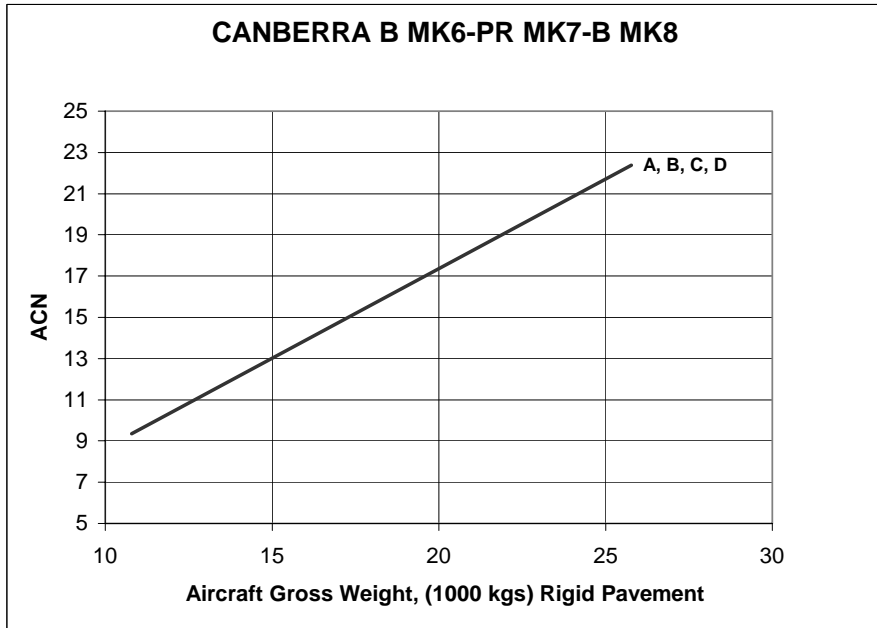
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
15 MIN	13.0	13.0	13.0	13.0
27.2 MAX	23.6	23.6	23.6	23.6

SOURCE: PCASE 2003

CANBERRA B MK6-PR MK7-B MK8



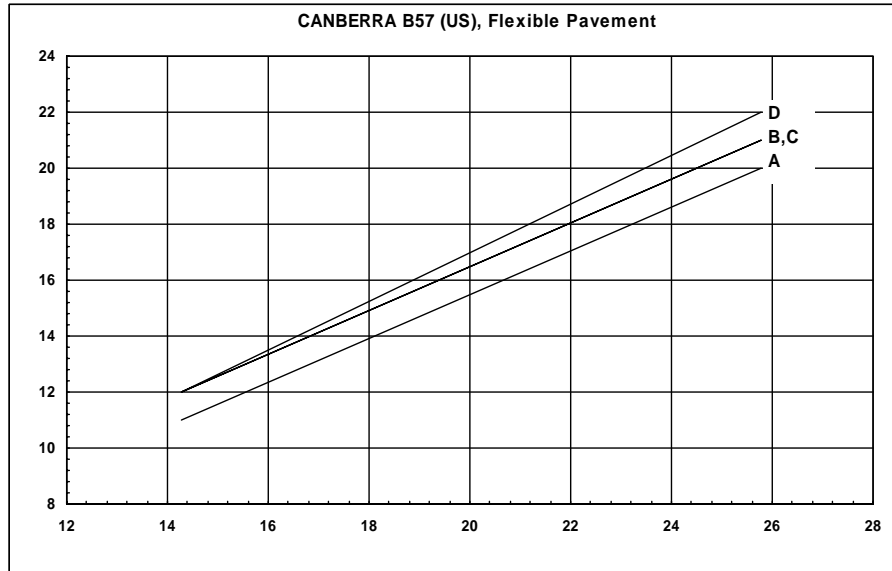
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10.8 MIN	9.6	9.6	9.6	9.6
25.8 MAX	22.8	22.8	22.8	22.8



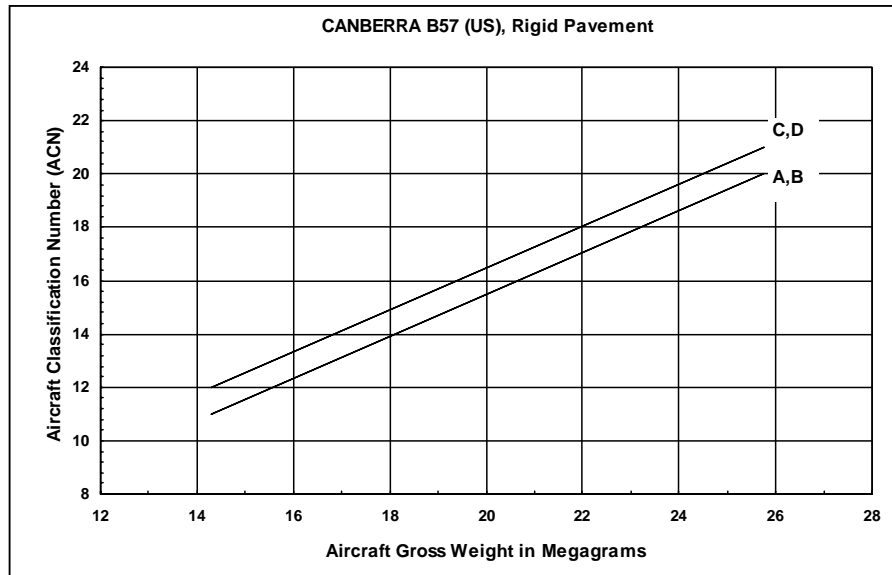
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10.8 MIN	9.3	9.3	9.3	9.3
25.8 MAX	22.4	22.4	22.4	22.4

SOURCE: PCASE 2003

CANBERRA B57



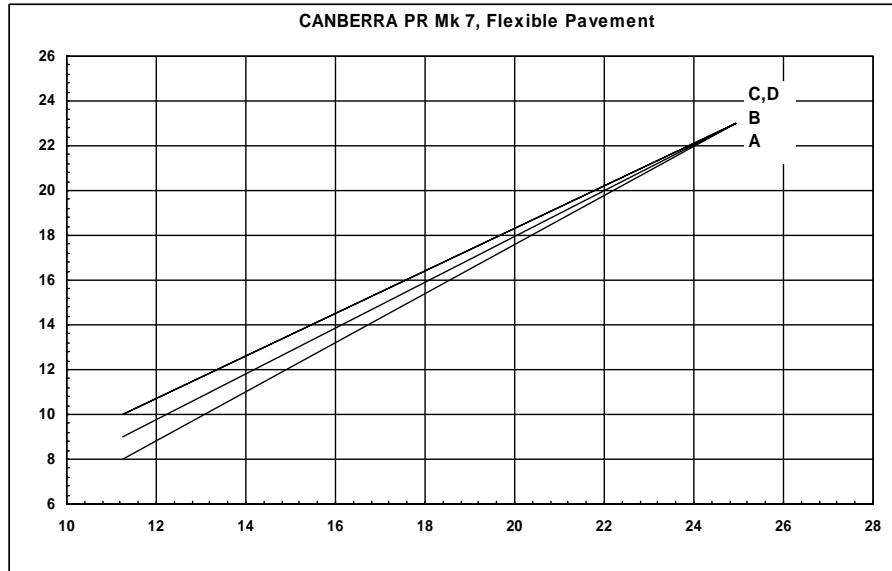
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.288	11	12	12	12
25.764	20	21	21	22



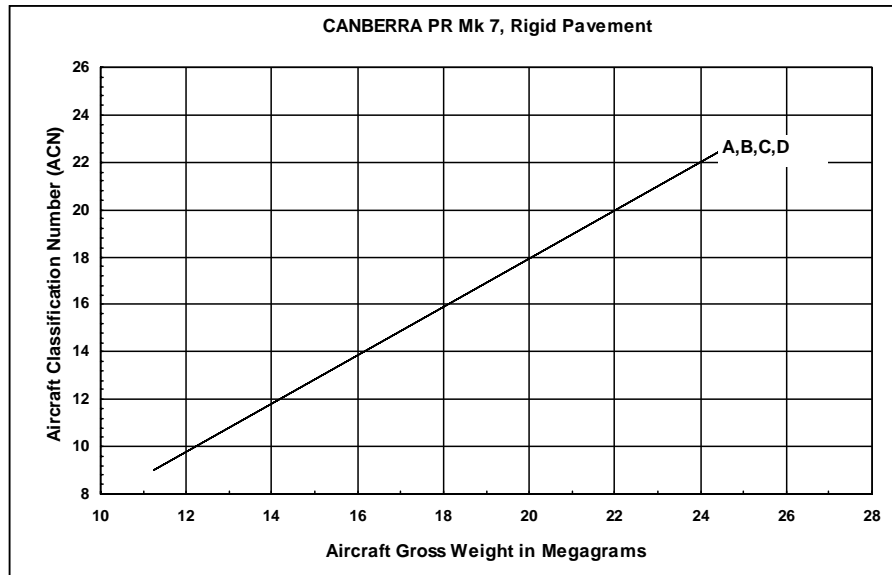
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.288	11	11	12	12
25.764	20	20	21	21

SOURCE: AFCESA 2002

CANBERRA PR Mk 7



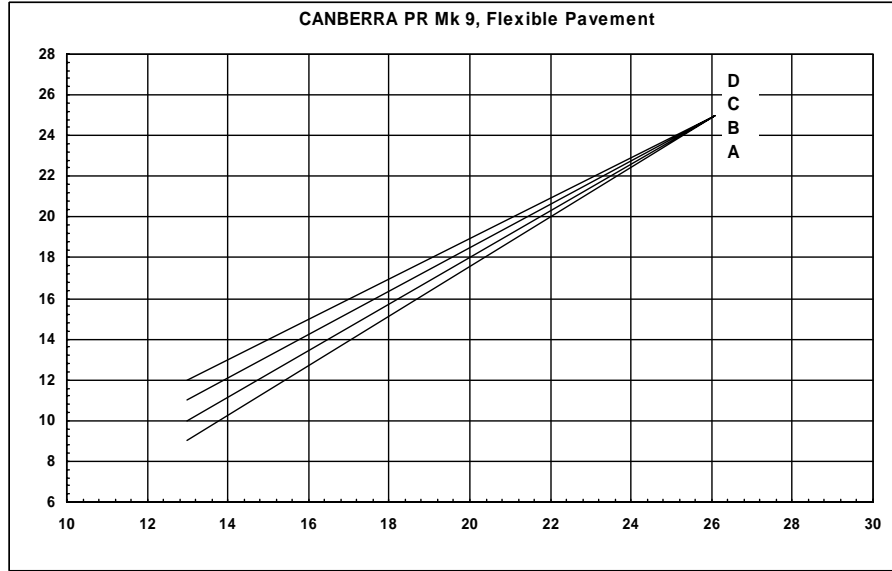
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
11.249	8	9	10	10
24.948	23	23	23	23



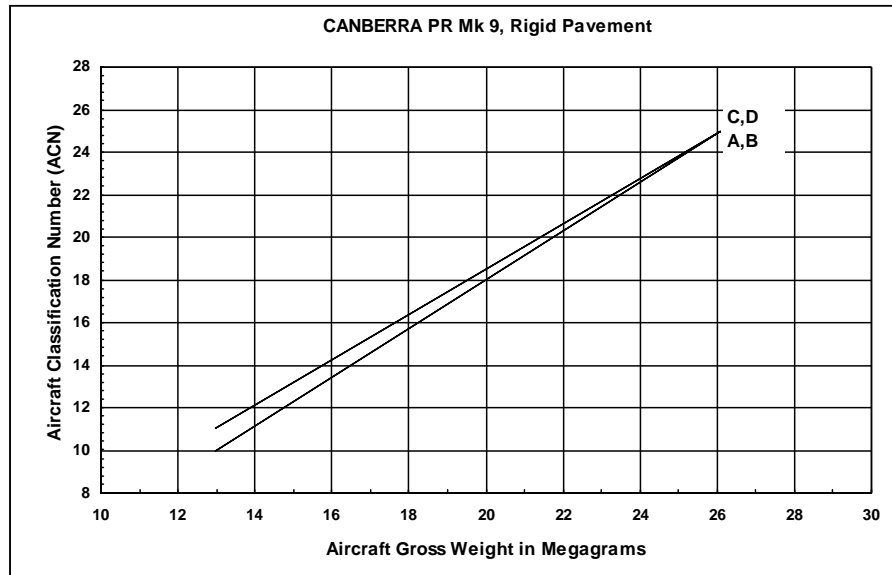
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.249	9	9	9	9
24.948	23	23	23	23

SOURCE: AFCESA 2002

CANBERRA PR Mk 9



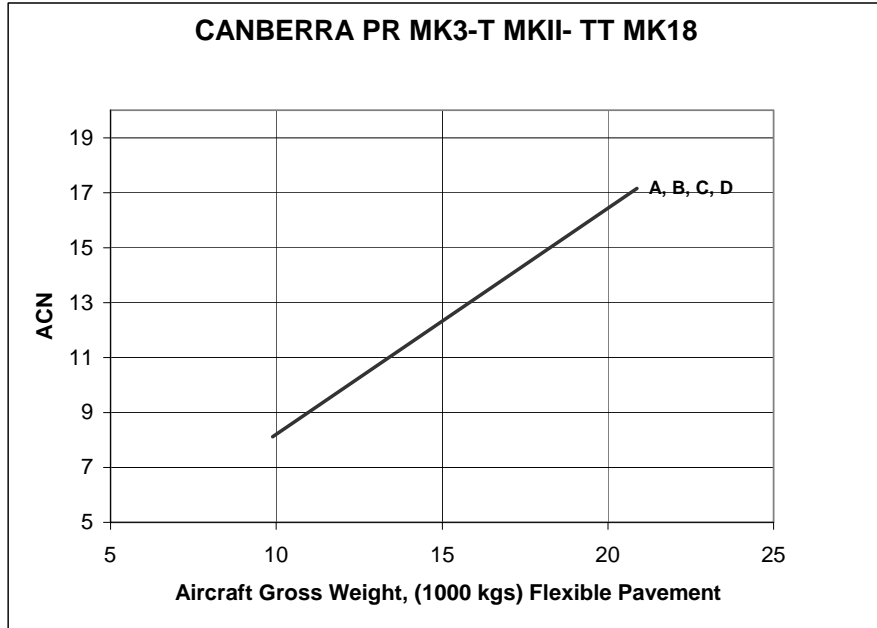
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.973	9	10	11	12
26.082	25	25	25	25



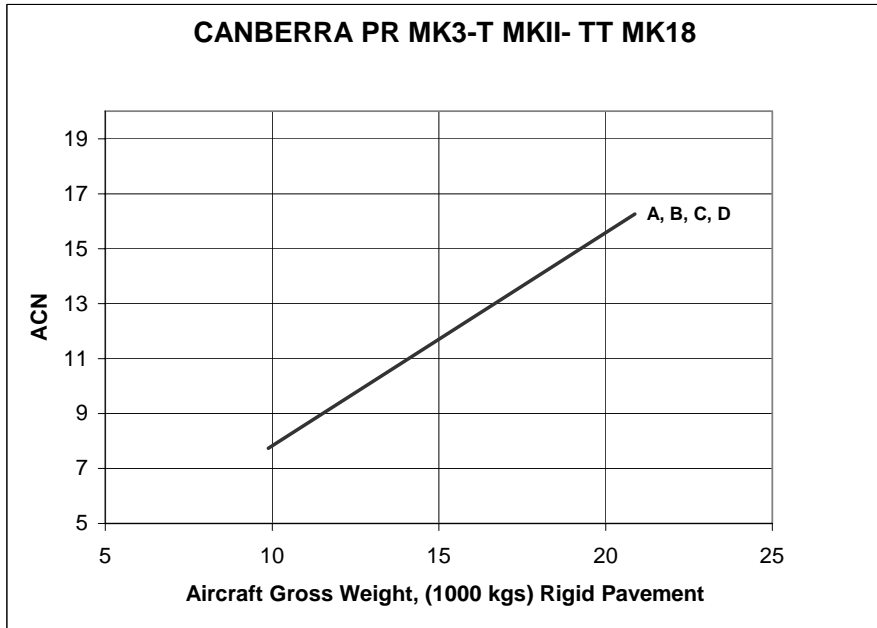
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.973	10	10	11	11
26.082	25	25	25	25

SOURCE: AFCESA 2002

CANBERRA PR MK3-T MKII- TT MK18



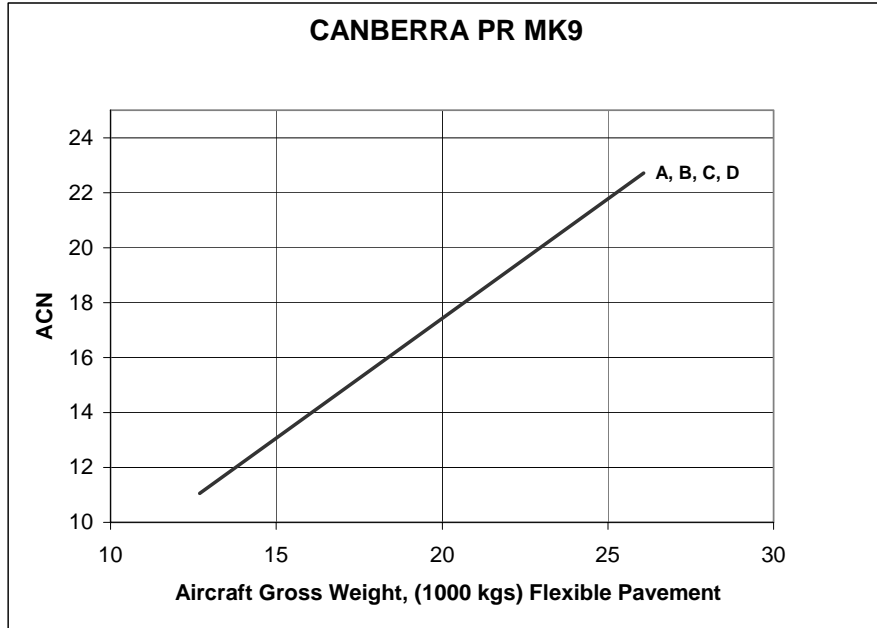
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.9 MIN	8.1	8.1	8.1	8.1
20.9 MAX	17.1	17.1	17.1	17.1



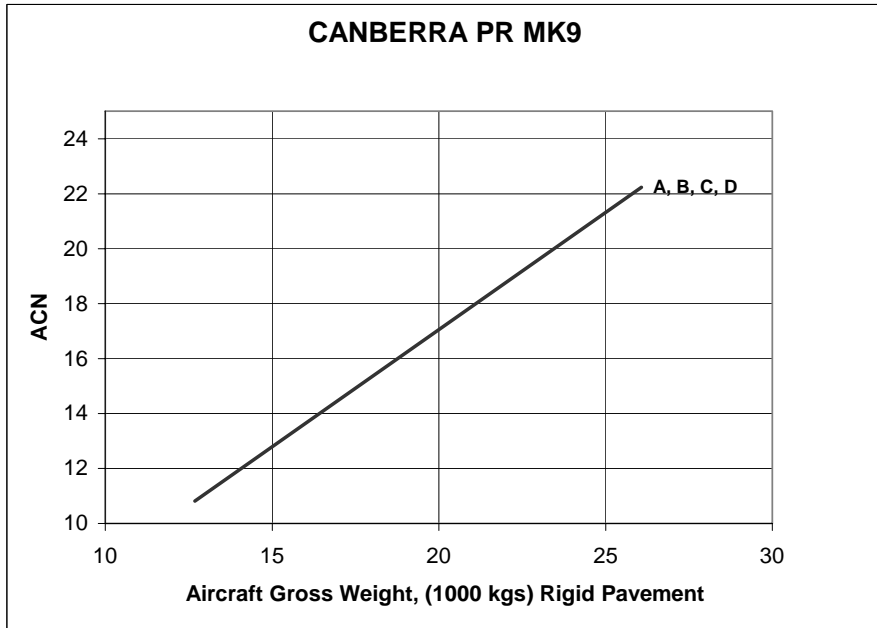
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.9 MIN	7.7	7.7	7.7	7.7
20.9 MAX	16.3	16.3	16.3	16.3

SOURCE: PCASE 2003

CANBERRA PR MK9



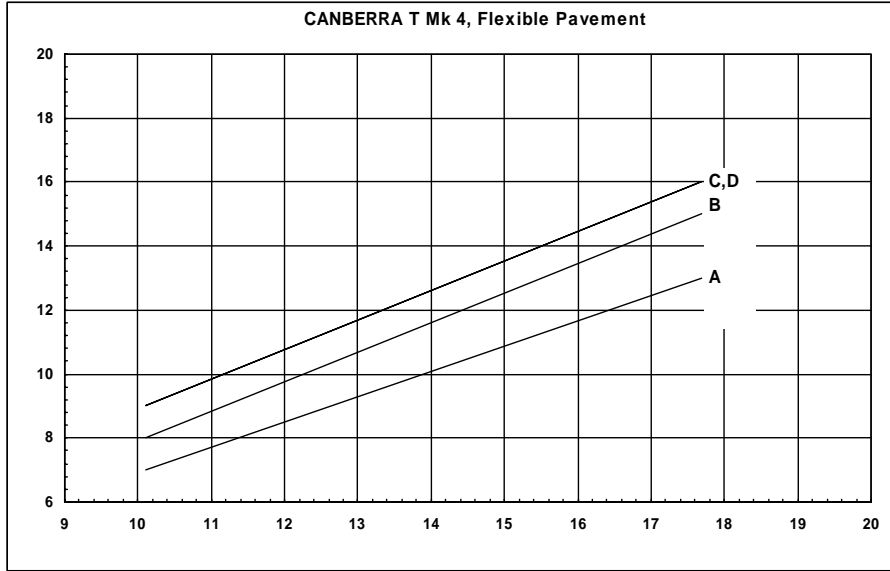
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.7 MIN	11.0	11.0	11.0	11.0
26.1 MAX	22.7	22.7	22.7	22.7



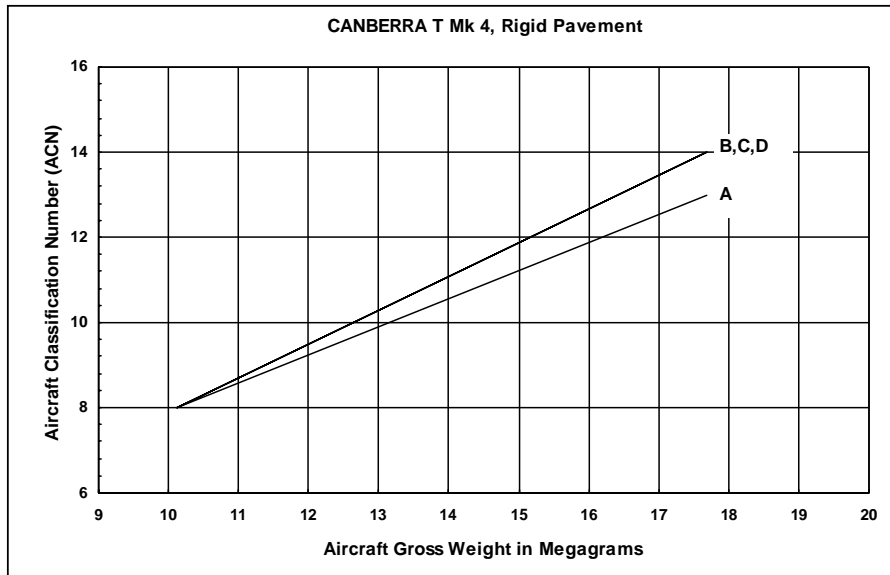
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.7 MIN	10.8	10.8	10.8	10.8
26.1 MAX	22.2	22.2	22.2	22.2

SOURCE: PCASE 2003

CANBERRA T Mk 4



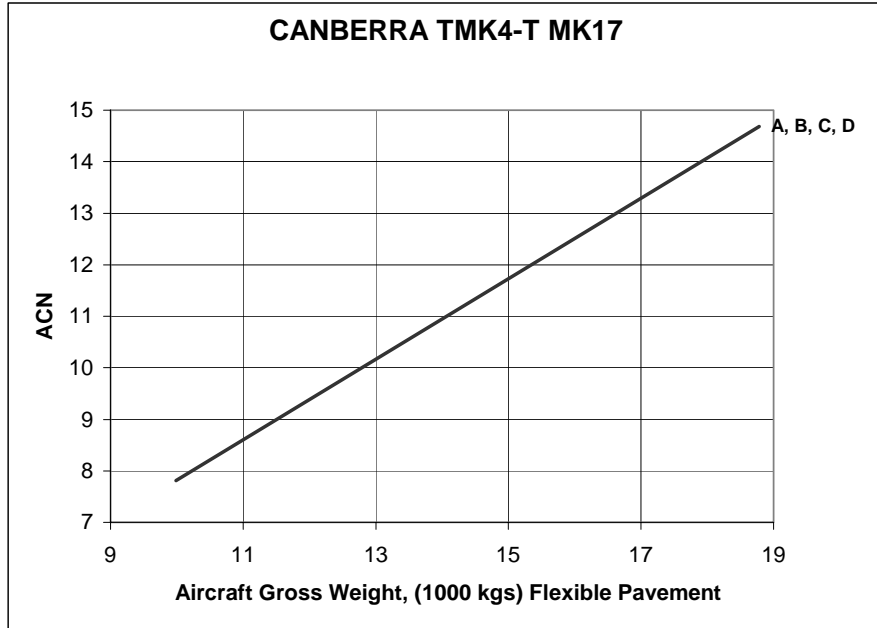
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10.115	7	8	9	9
17.69	13	15	16	16



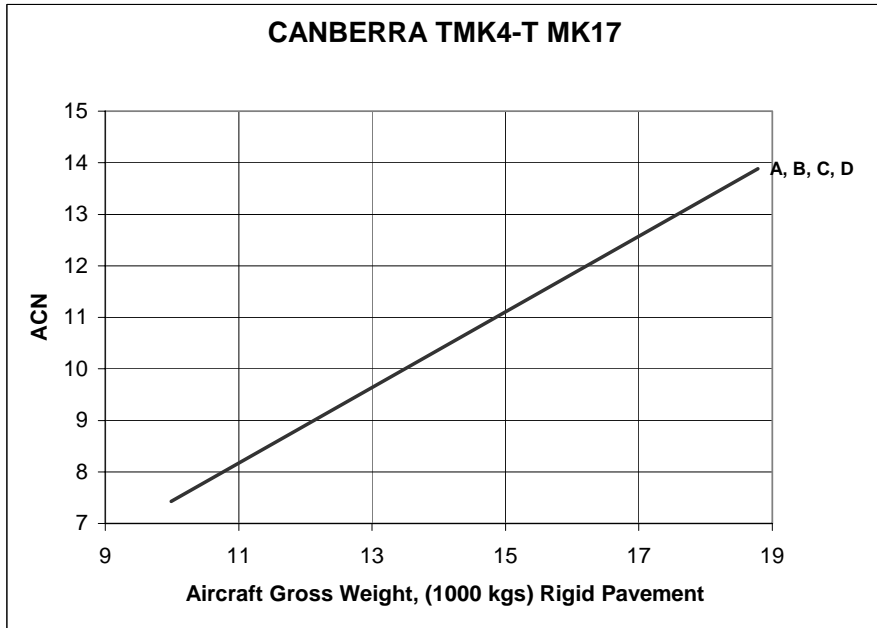
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10.115	8	8	8	8
17.69	13	14	14	14

SOURCE: AFCESA 2002

CANBERRA TMK4-T MK17



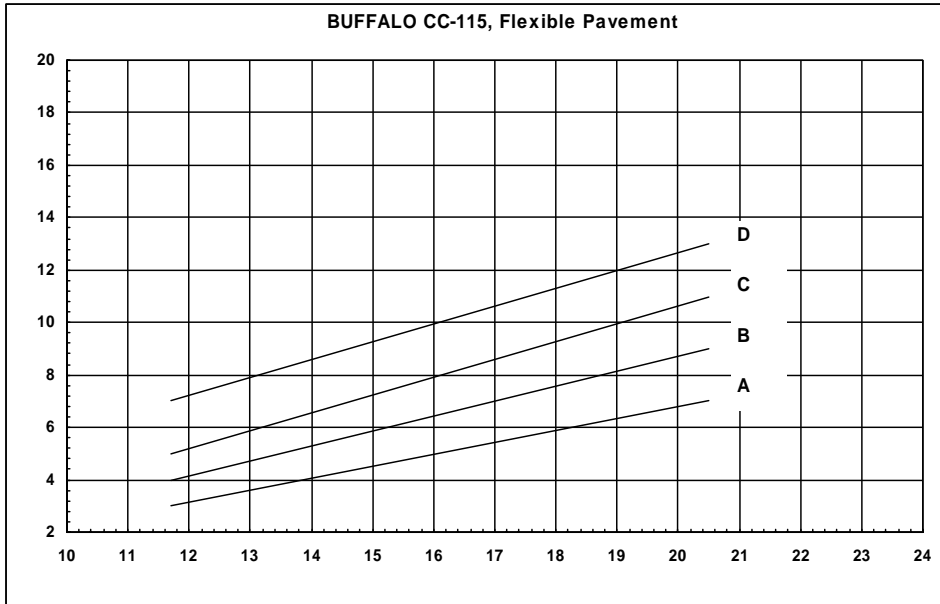
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10 MIN	7.8	7.8	7.8	7.8
18.8 MAX	14.7	14.7	14.7	14.7



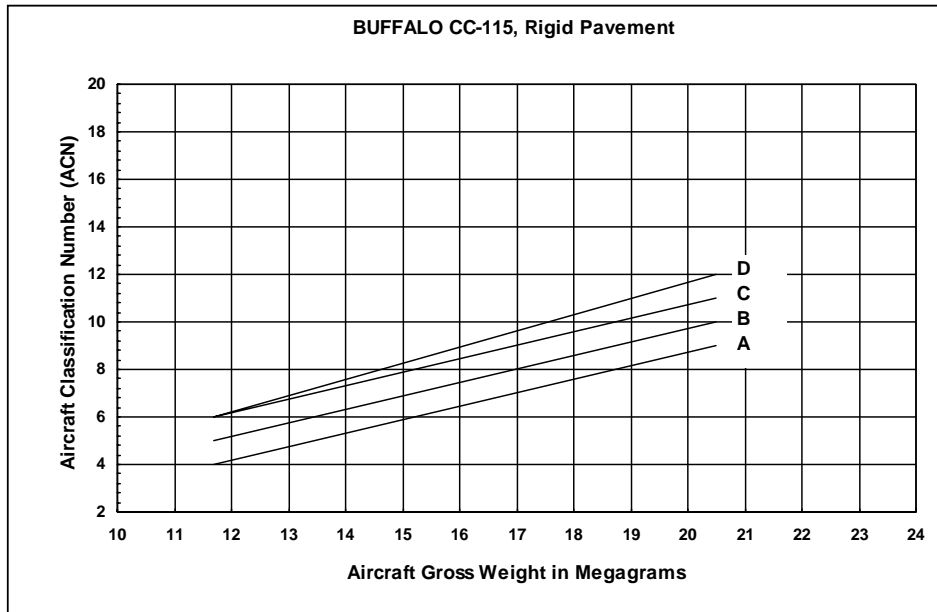
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10 MIN	7.4	7.4	7.4	7.4
18.8 MAX	13.9	13.9	13.9	13.9

SOURCE: PCASE 2003

CC-115 BUFFALO, DHC-5



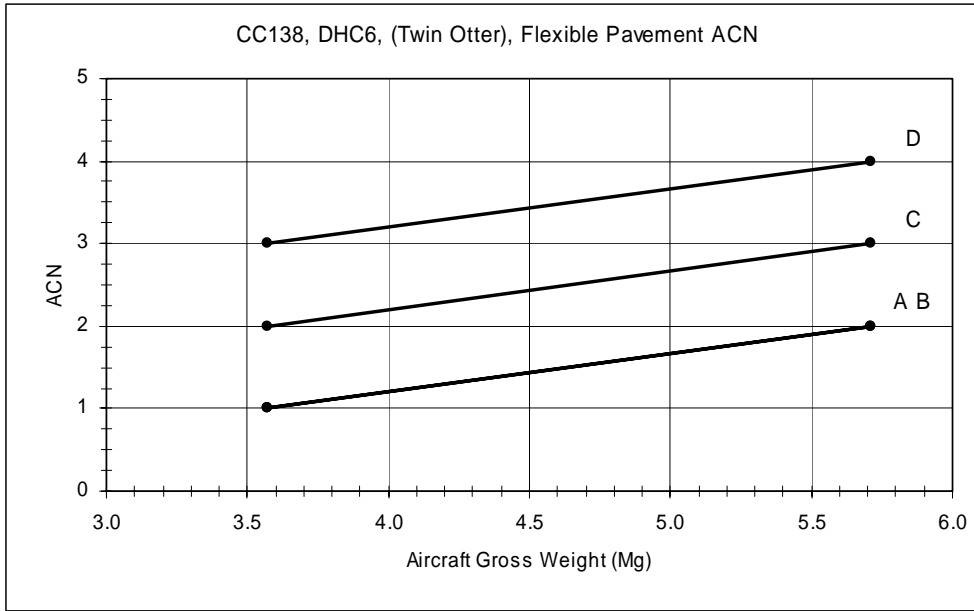
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
11.7	2	3	4	7
20.5	7	9	11	13



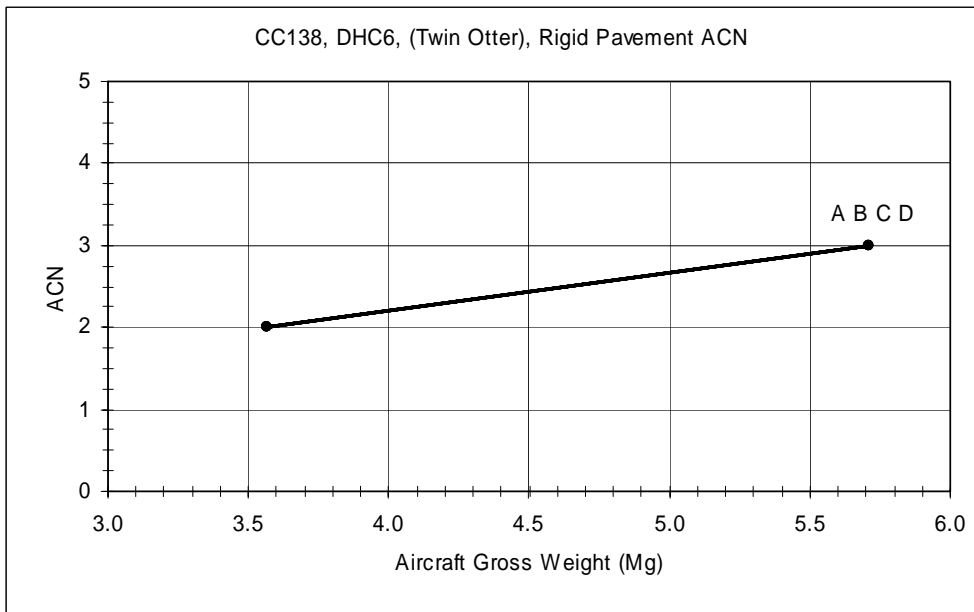
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.7	4	5	6	6
20.5	9	10	11	12

SOURCE: CAN 3/29/2006

CC-138 Twin Otter, DHC6



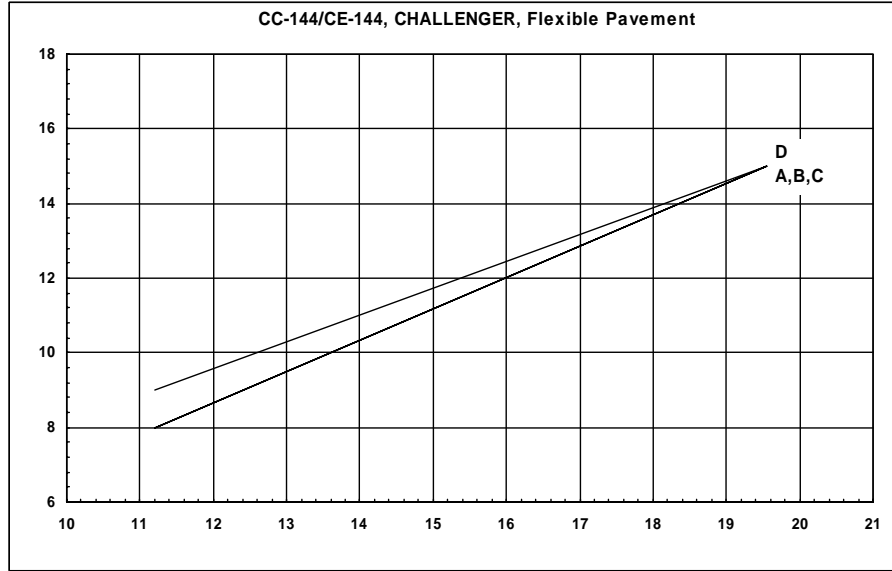
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.6	1	1	2	3
5.7	2	2	3	4



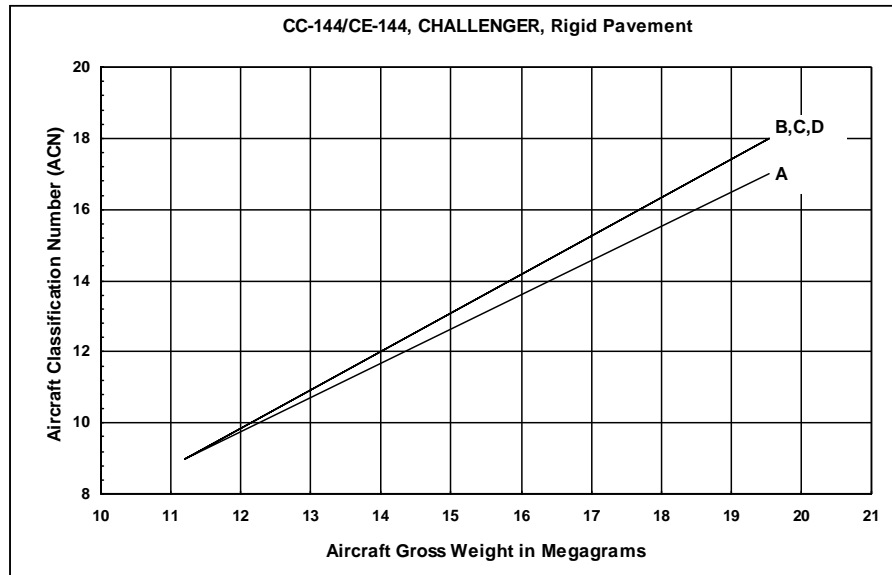
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.6	2	2	2	2
5.7	3	3	3	3

SOURCE: CAN 4/13/2005

CC-144/CE-144, CHALLENGER



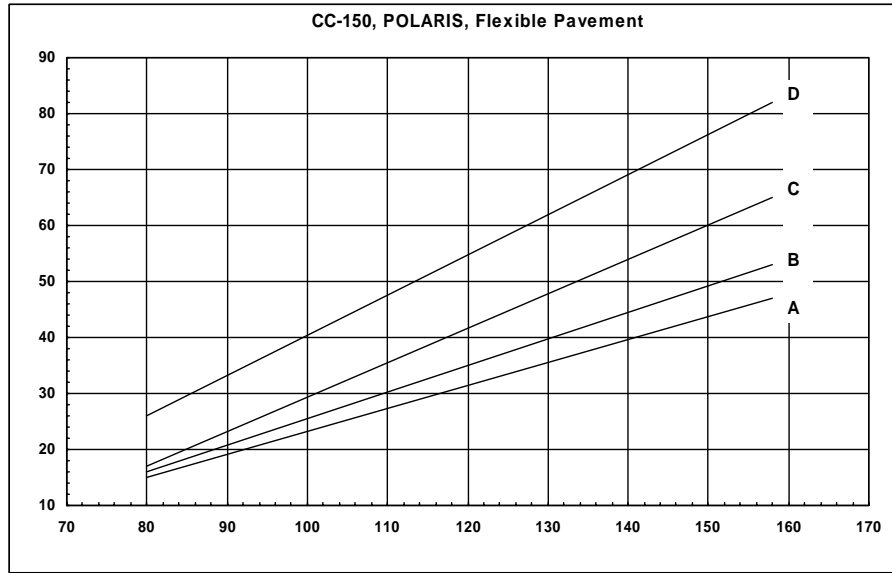
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
11.204	8	8	8	9
19.55	15	15	15	15



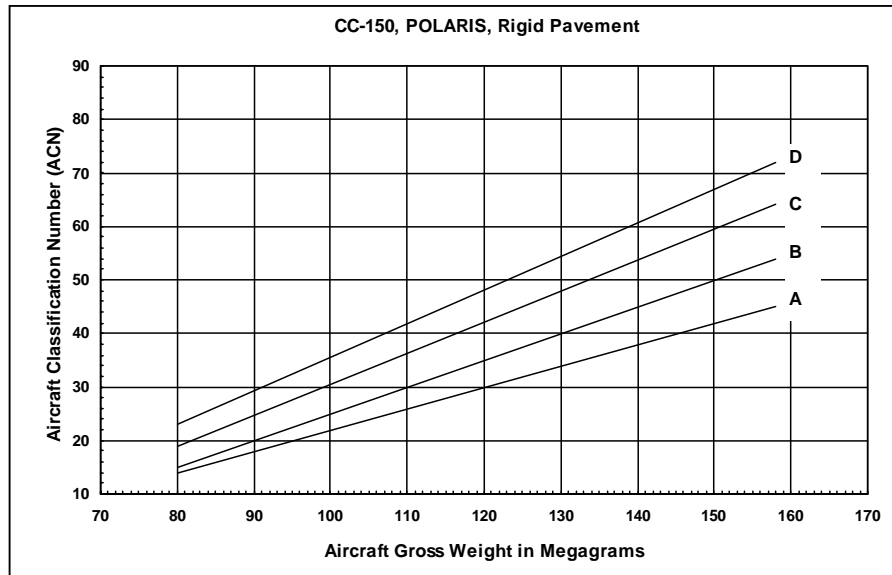
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.204	9	9	9	9
19.55	17	18	18	18

SOURCE: AFCEA 2002

CC-150, POLARIS



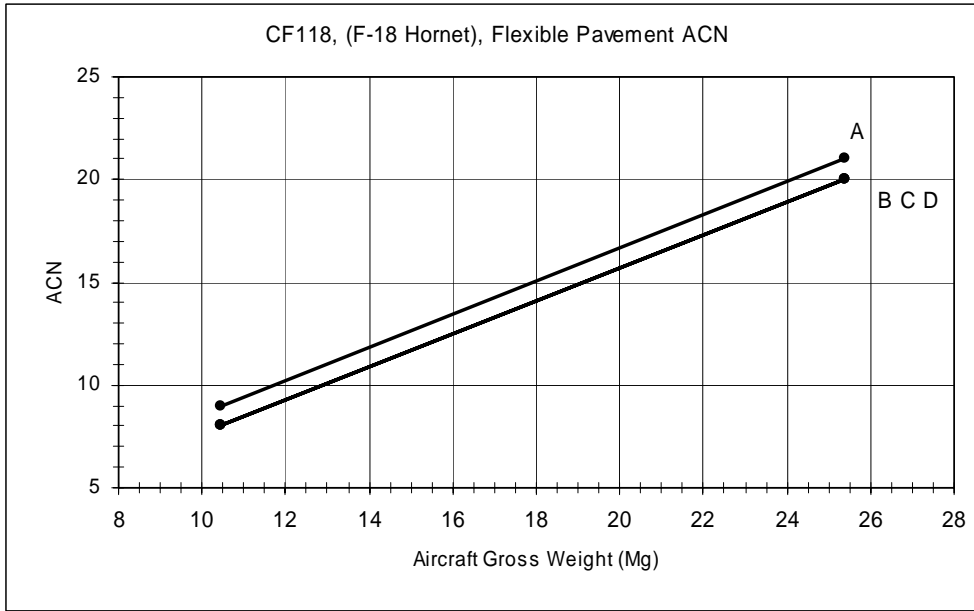
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
80	15	16	17	26
157.9	47	53	65	82



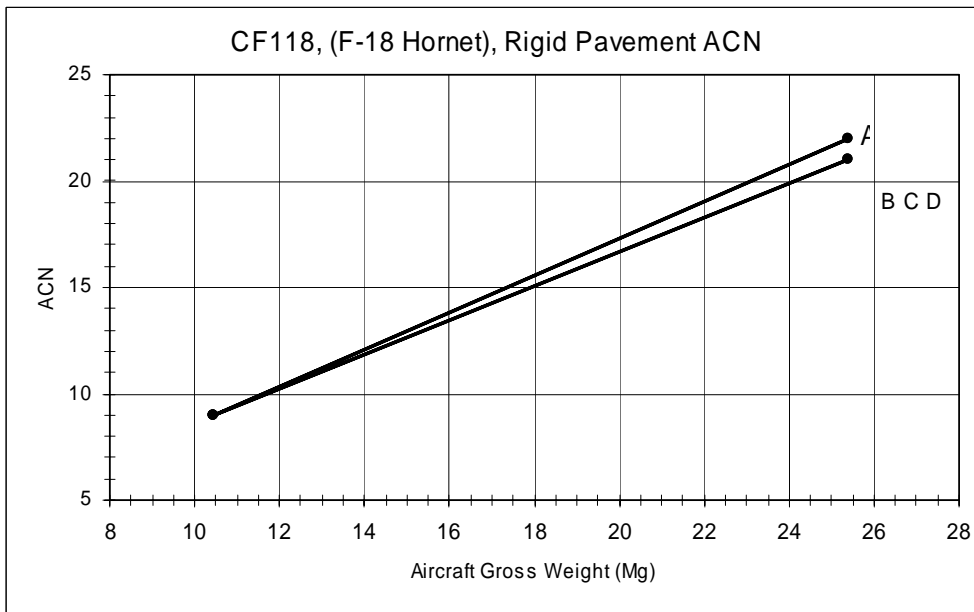
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
80	14	15	19	23
157.9	45	54	64	72

SOURCE: AFCESA 2002

CF-118 (F-18 HORNET)



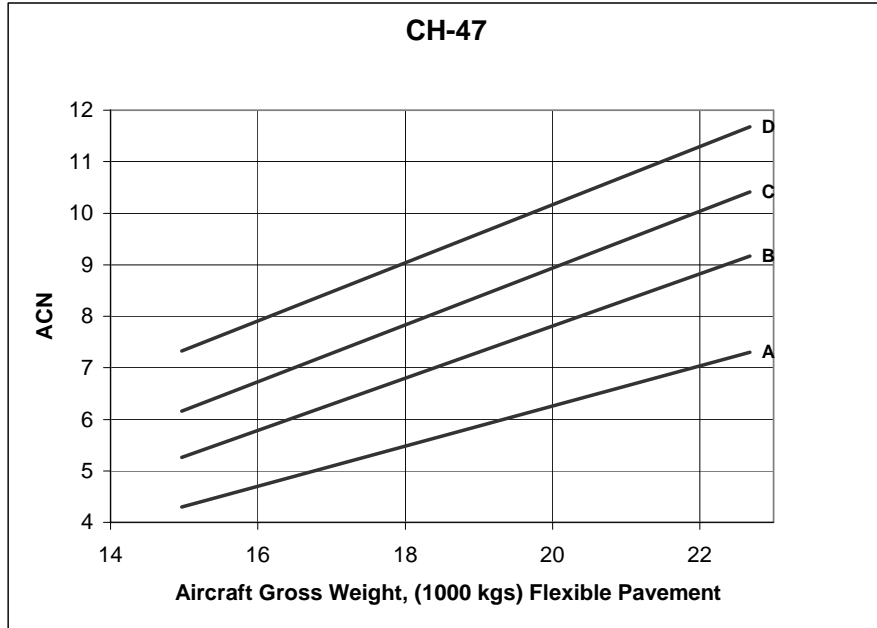
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (>120)	B (60-120)	C (25-60)	D (<25)
10.5	9	8	8	8
25.4	21	20	20	20



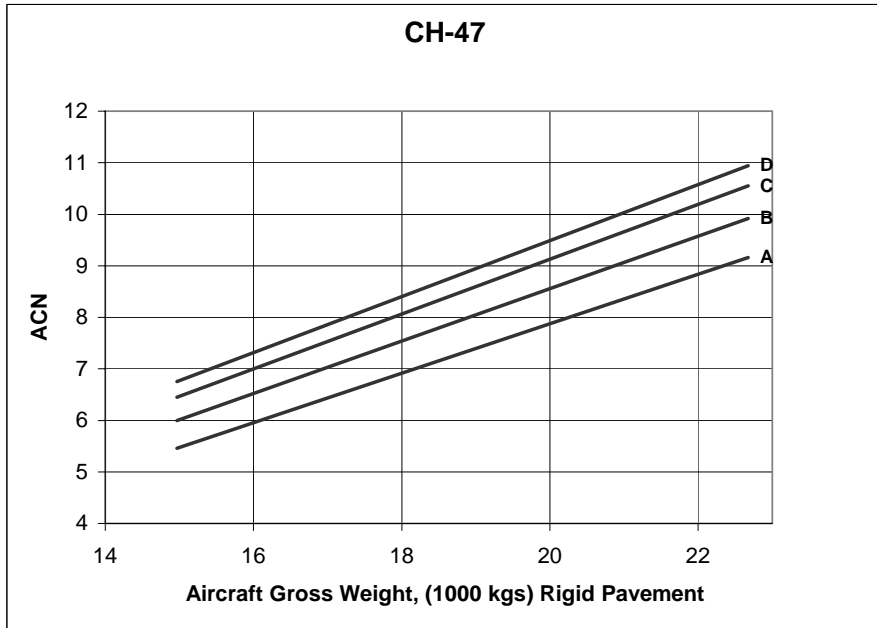
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10.5	9	9	9	9
25.4	22	22	21	21

SOURCE: CAN 4/13/2005

CH-47



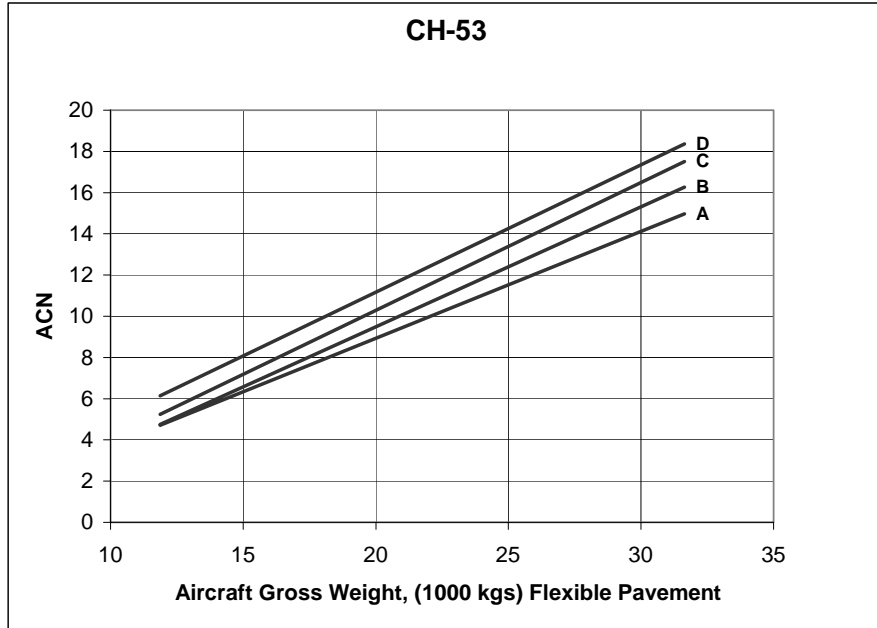
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
15 MIN	4.3	5.3	6.2	7.3
22.7 MAX	7.3	9.2	10.4	11.7



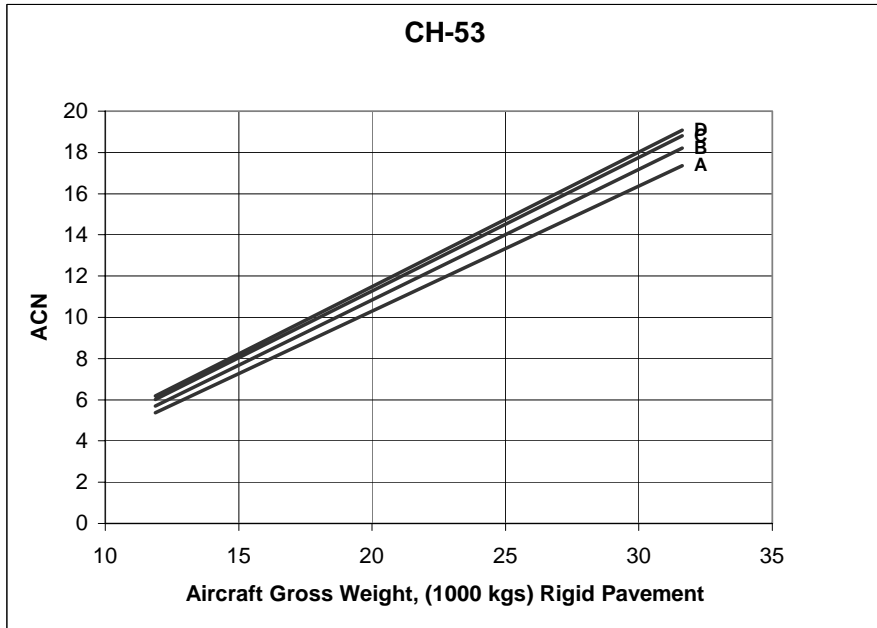
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
15 MIN	5.5	6.0	6.4	6.8
22.7 MAX	9.2	9.9	10.6	10.9

SOURCE: PCASE 2003

CH-53



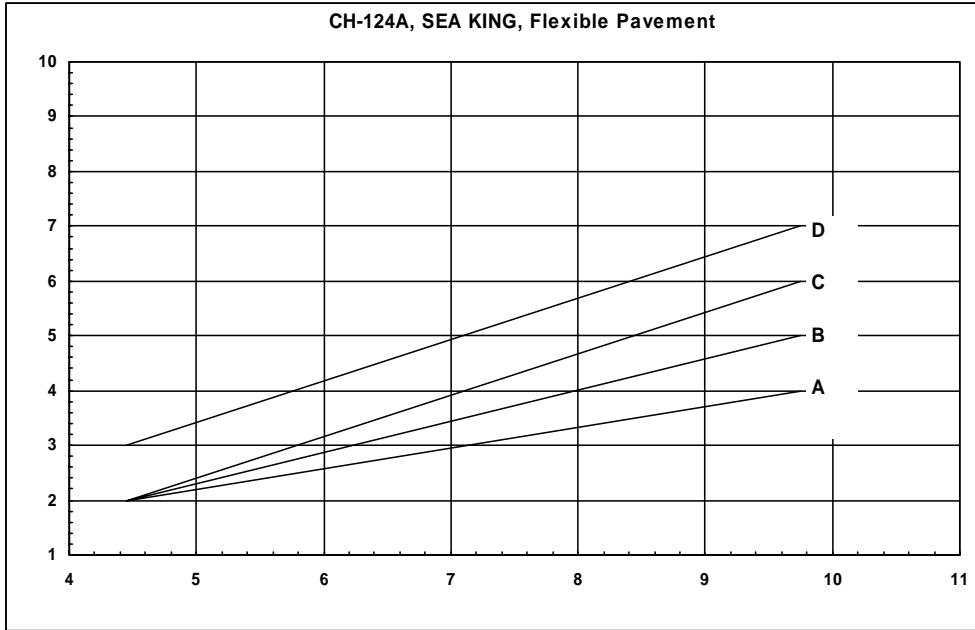
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
11.9 MIN	4.7	4.8	5.3	6.1
31.6 MAX	15.0	16.3	17.5	18.4



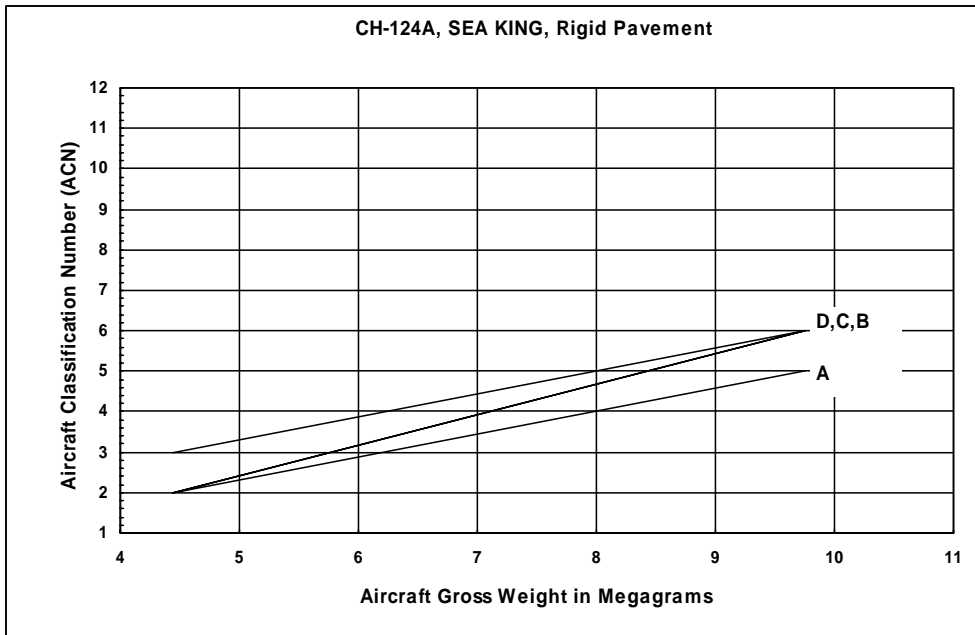
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.9 MIN	5.4	5.7	6.0	6.2
31.6 MAX	17.4	18.2	18.8	19.1

SOURCE: PCASE 2003

CH-124A, SEA KING



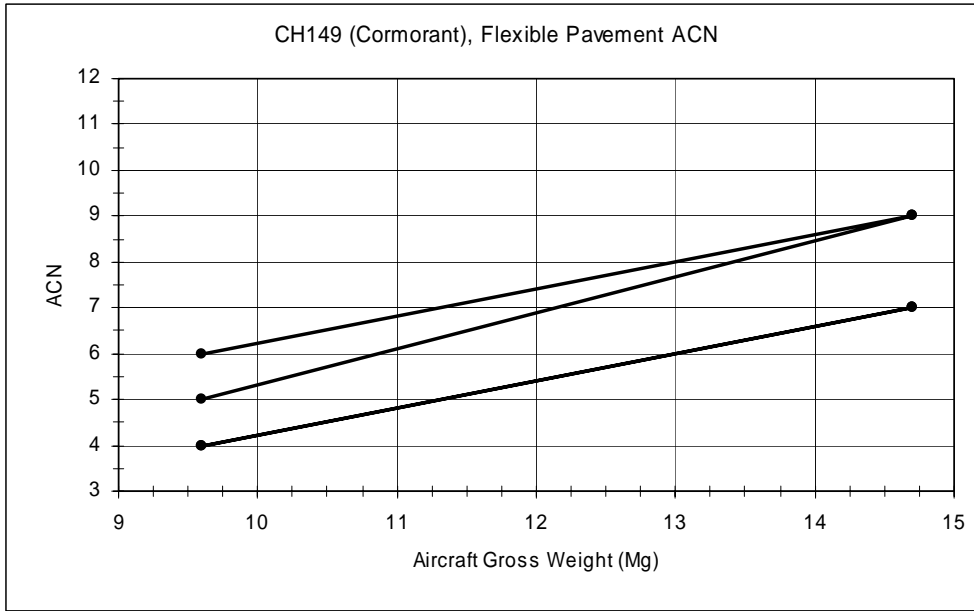
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.445	2	2	2	3
9.752	4	5	6	7



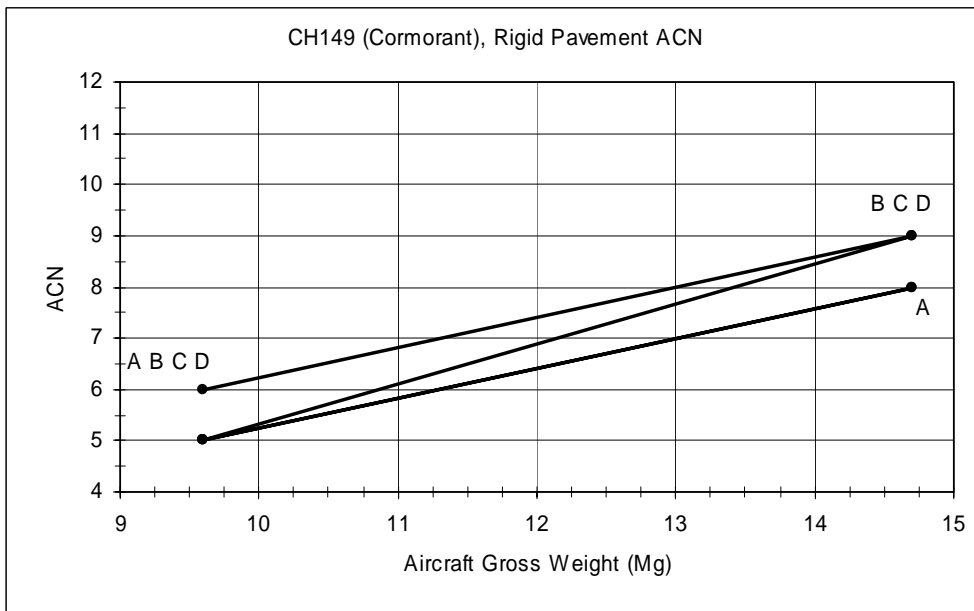
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.445	2	2	2	3
9.752	5	6	6	6

SOURCE: CAN 3/29/2006

CH-149 Cormorant



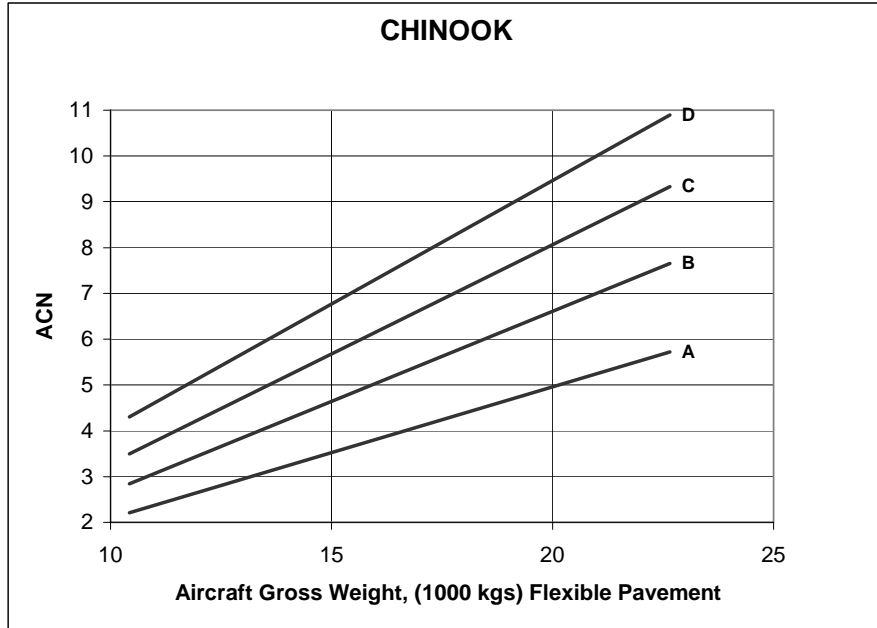
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.6	4	4	5	6
14.7	7	7	9	9



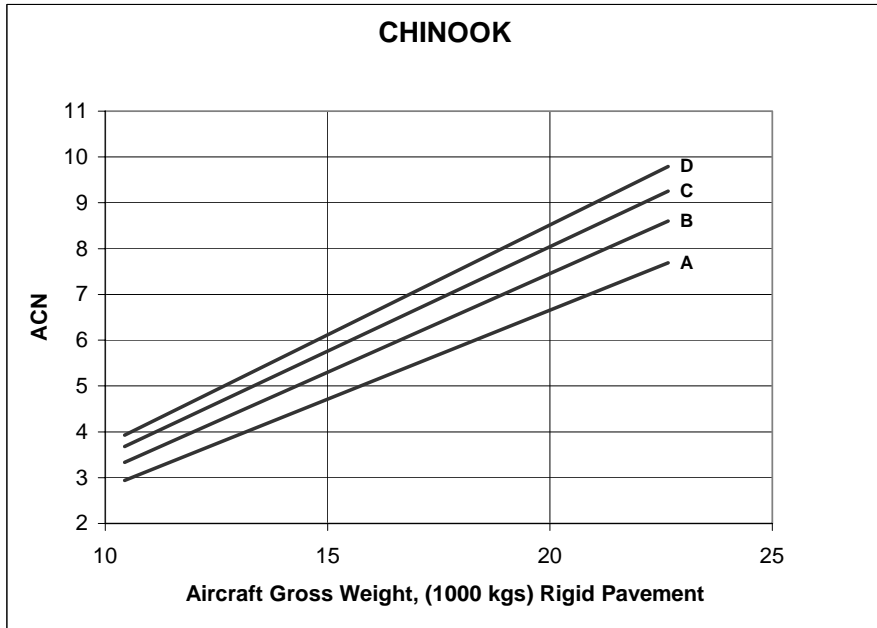
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.6	5	5	5	6
14.7	8	8	9	9

SOURCE: CAN 3/29/2006

CHINOOK



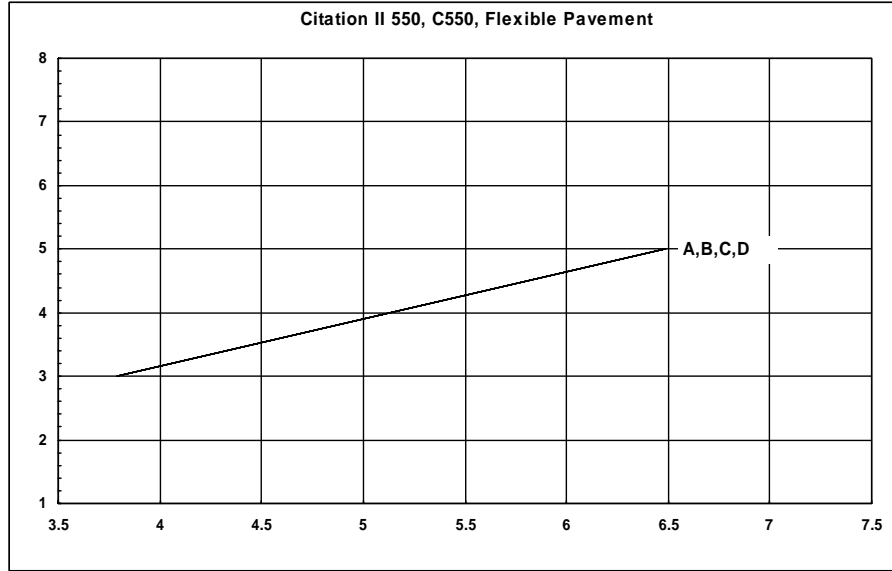
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10.4 MIN	2.2	2.8	3.5	4.3
22.7 MAX	5.7	7.7	9.3	10.9



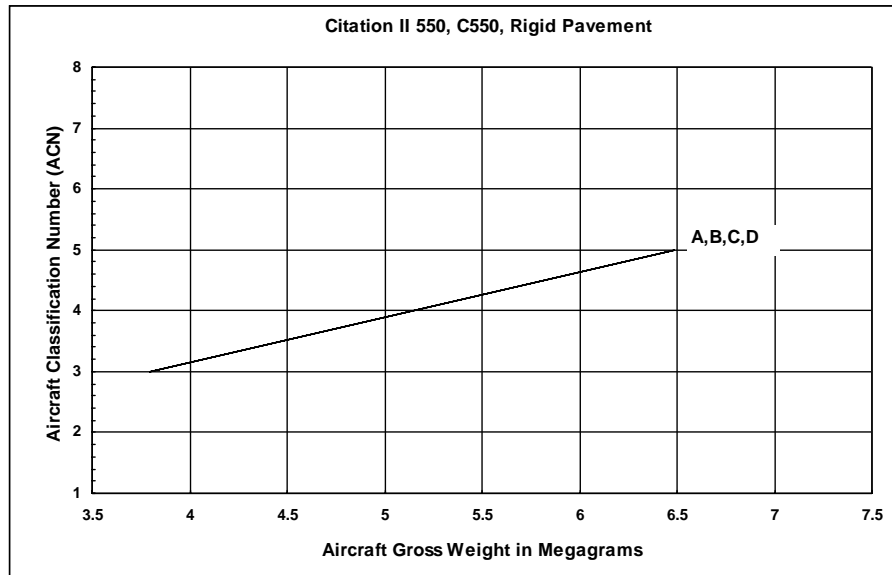
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10.4 MIN	2.9	3.3	3.7	3.9
22.7 MAX	7.7	8.6	9.3	9.8

SOURCE: PCASE 2003

Citation II 550, C550



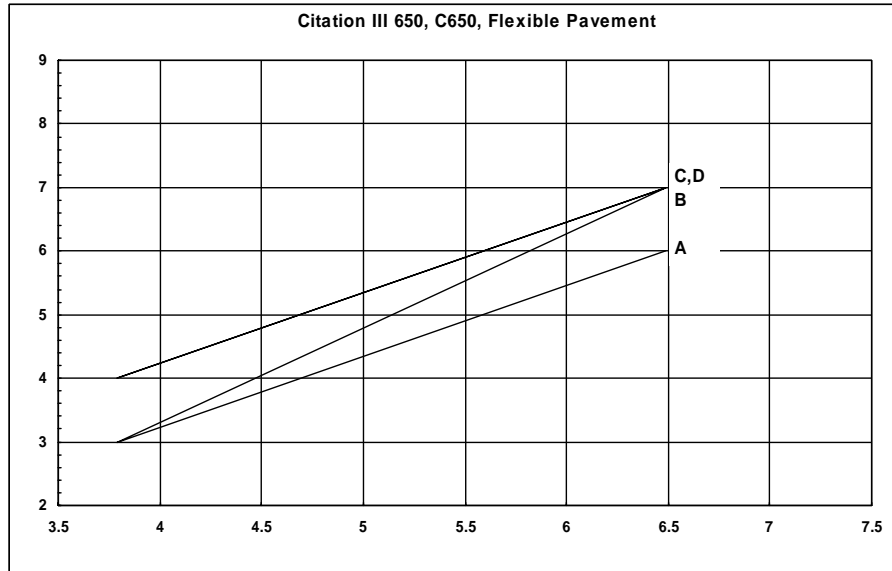
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.792	3	3	3	3
6.486	5	5	5	5



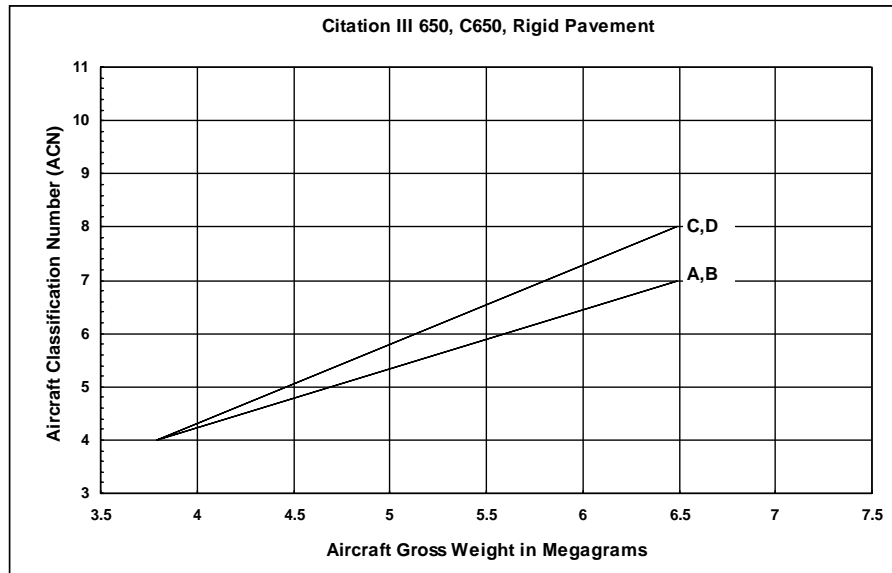
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.792	3	3	3	3
6.486	5	5	5	5

SOURCE: AFCEA 2002

Citation III 650, C650



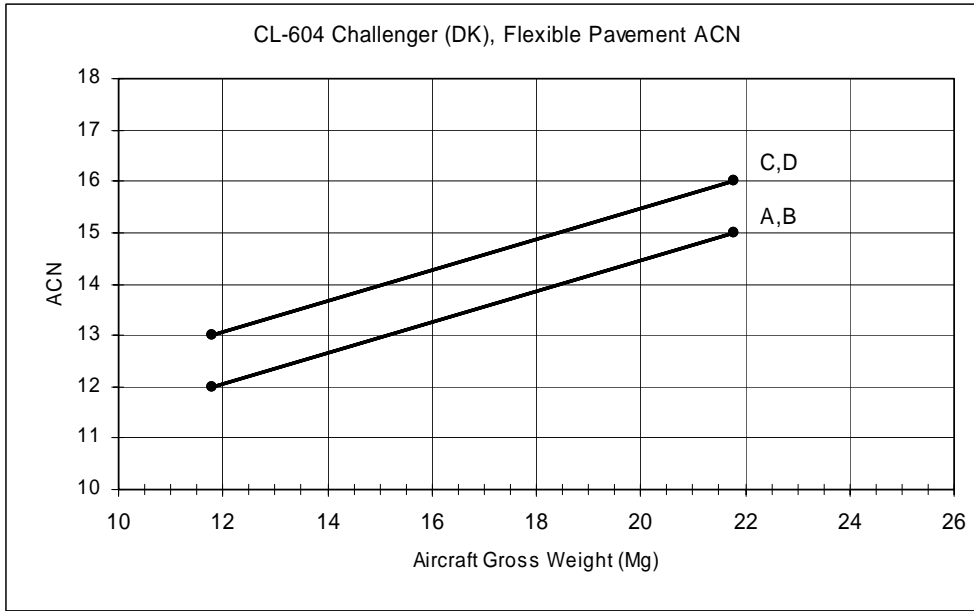
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.792	3	3	4	4
6.486	6	7	7	7



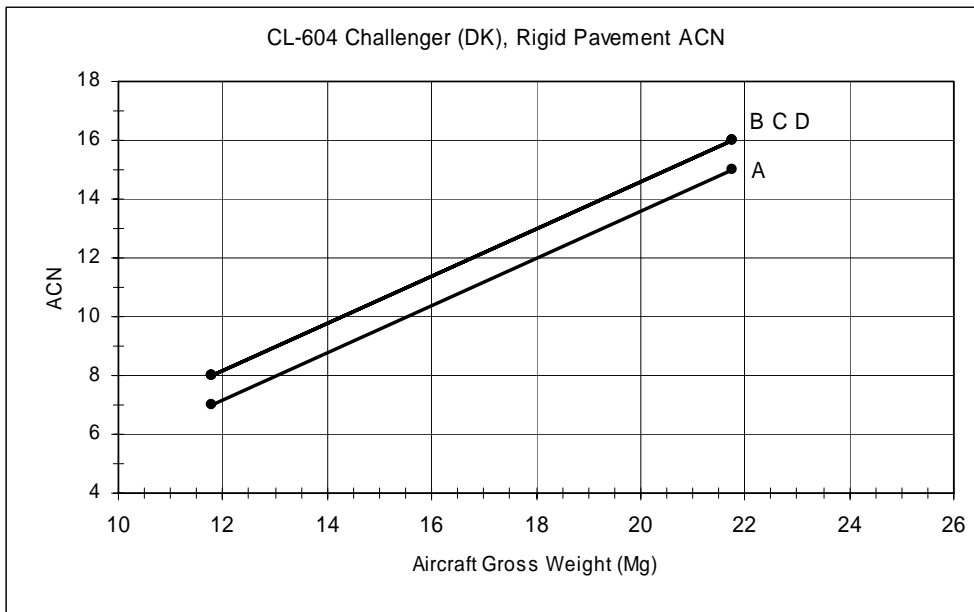
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.792	4	4	4	4
6.486	7	7	8	8

SOURCE: AFCESA 2002

CL-604 Challenger



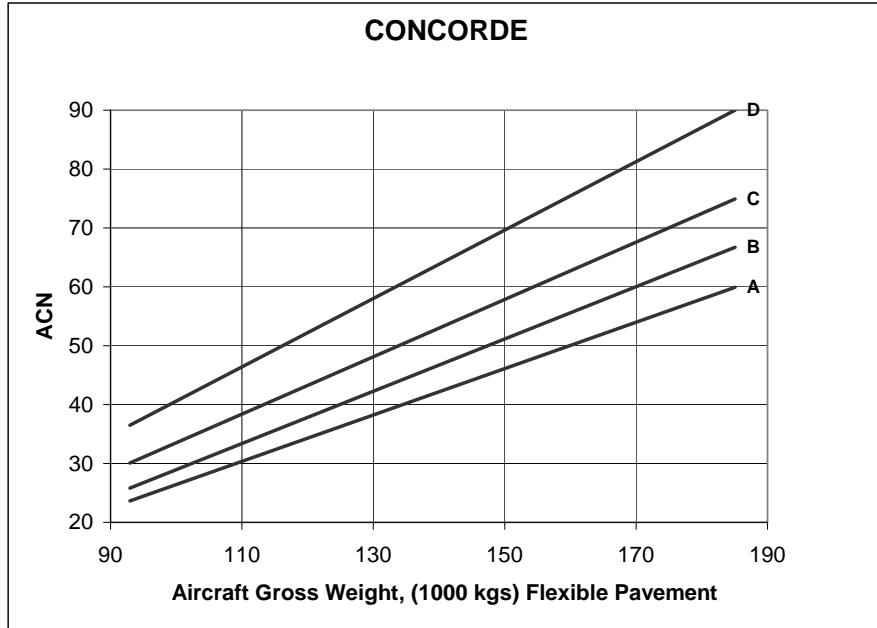
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.8	12	12	13	13
21.8	15	15	16	16



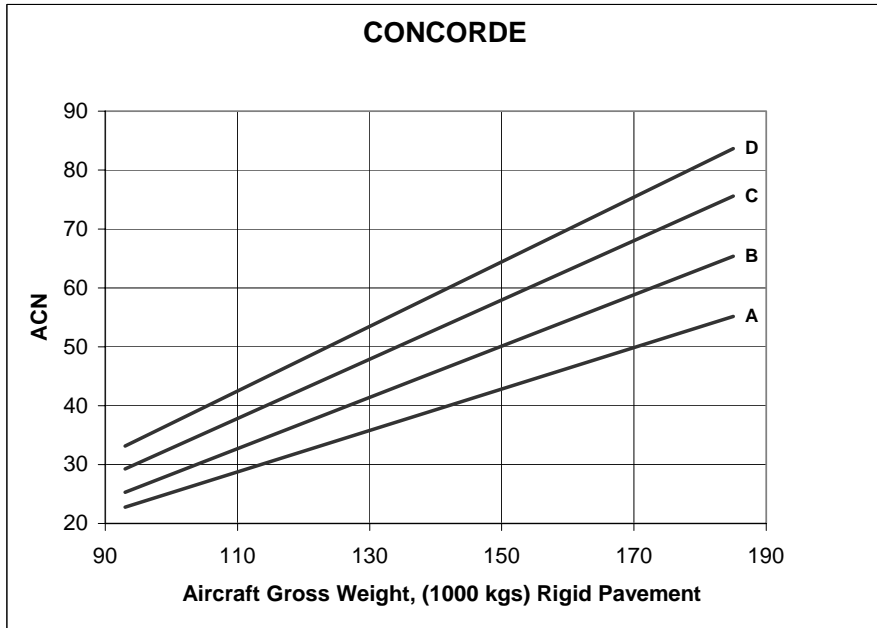
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.8	7	8	8	8
21.8	15	16	16	16

SOURCE: DNK 4/13/2005

CONCORDE



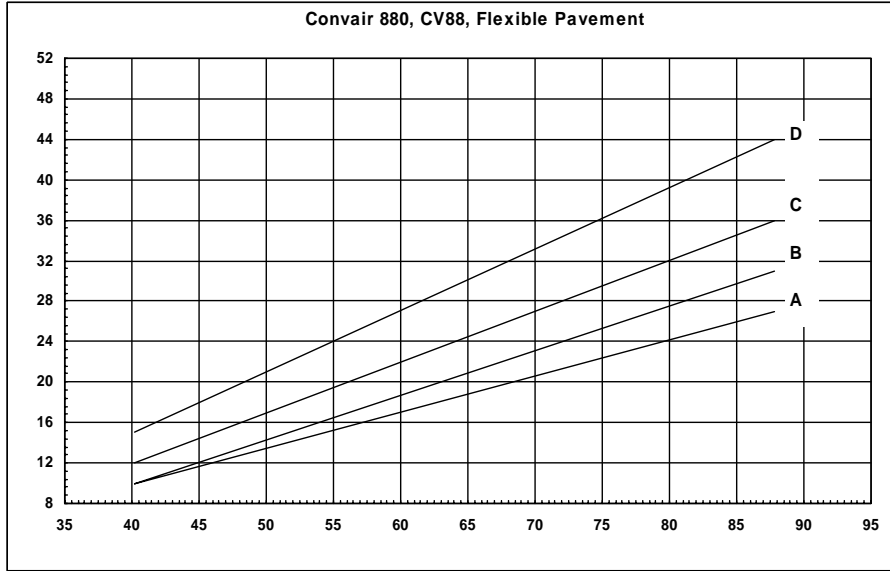
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
93 MIN	23.6	25.8	30.1	36.5
185 MAX	59.9	66.7	74.9	90.0



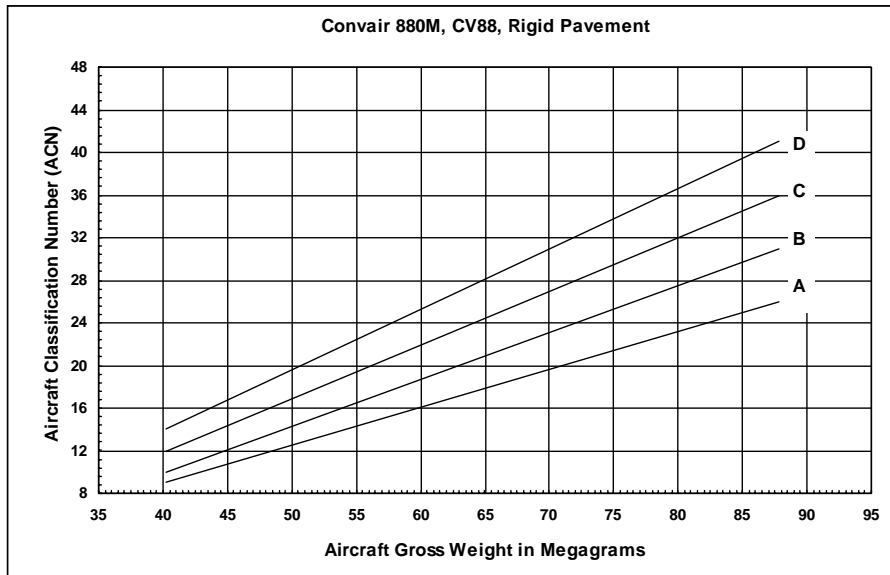
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
93 MIN	22.8	25.3	29.3	33.1
185 MAX	55.1	65.4	75.6	83.6

SOURCE: PCASE 2003

Convair 880, CV88



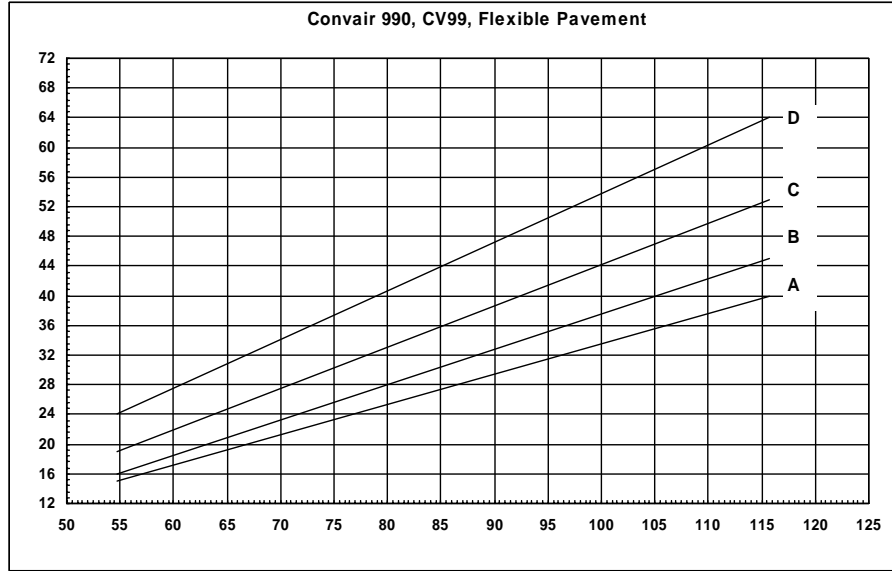
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
40.195	10	10	12	15
87.77	27	31	36	44



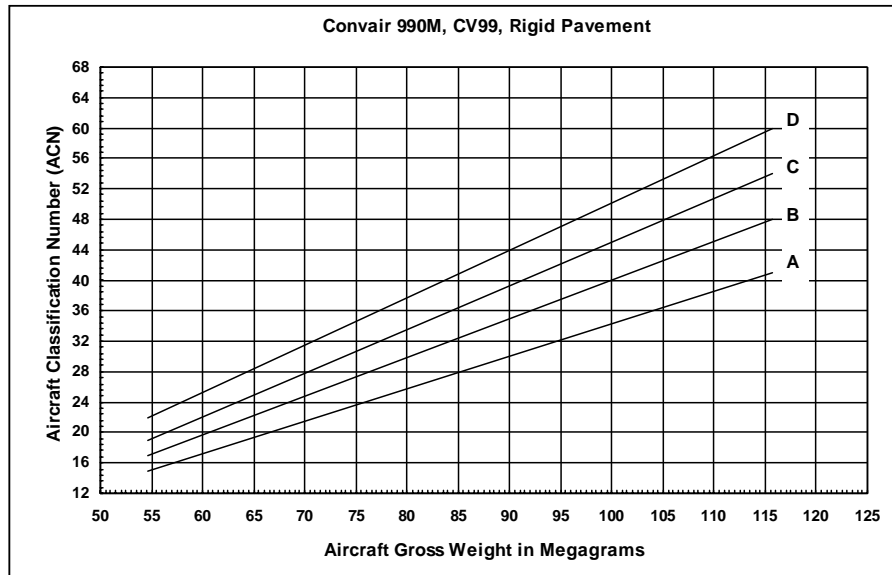
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
40.195	9	10	12	14
87.77	26	31	36	41

SOURCE: AFCESA 2002

Convair 990, CV99



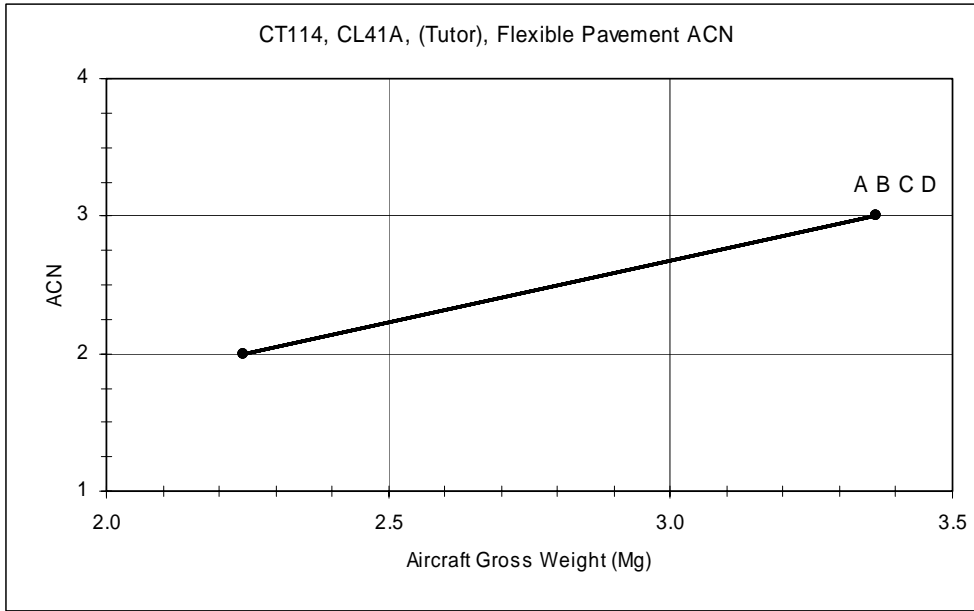
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
54.685	15	16	19	24
115.666	40	45	53	64



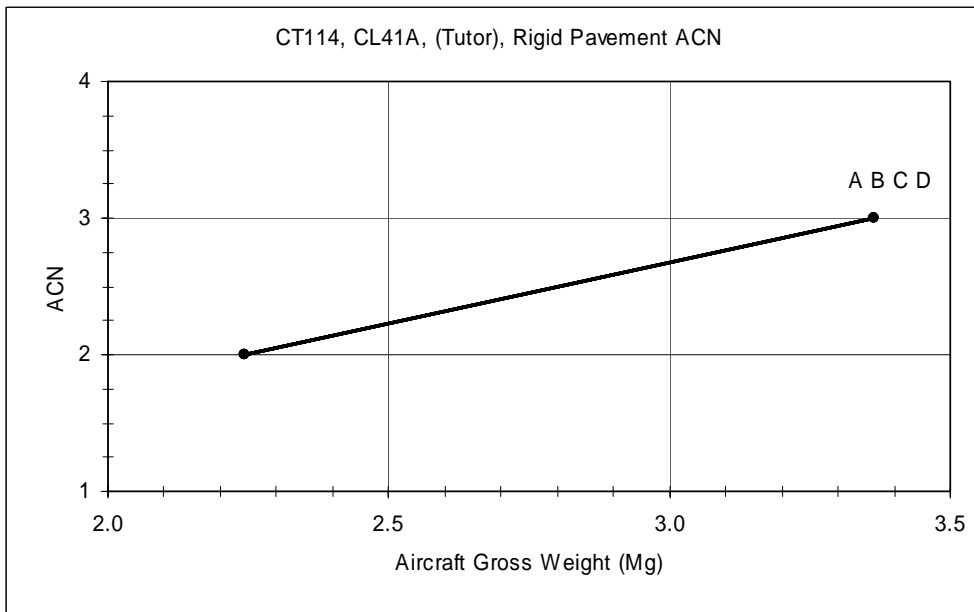
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
54.685	15	17	19	22
115.666	41	48	54	60

SOURCE: AFCEA 2002

CT-114 Tutor (Canadair CL-41A)



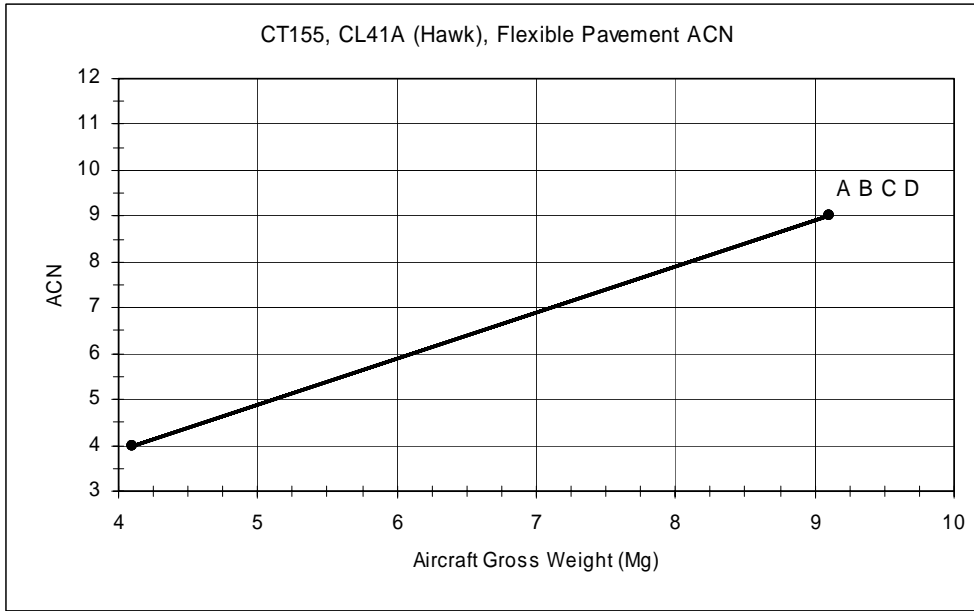
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
2.2	2	2	2	2
3.4	3	3	3	3



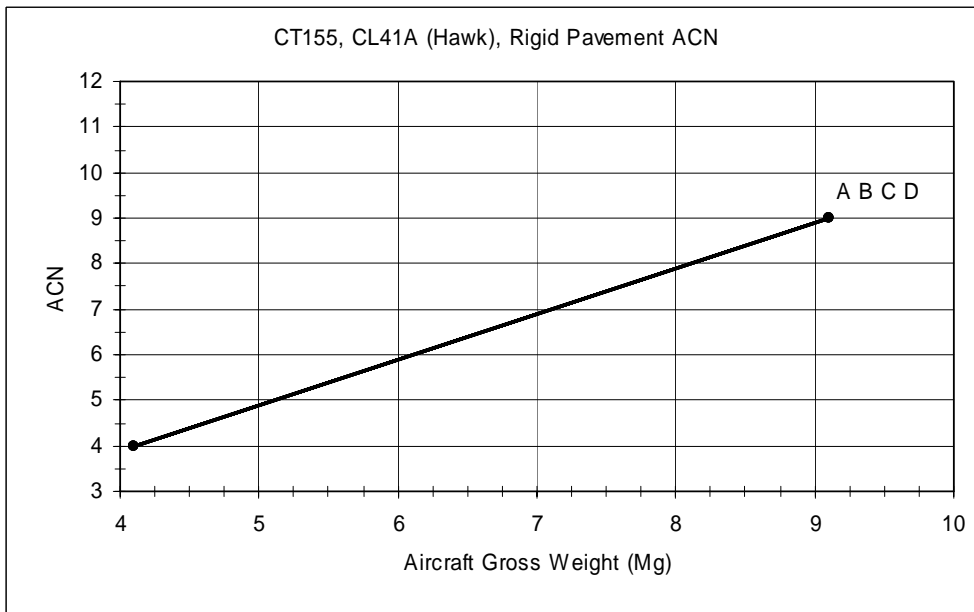
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
2.2	2	2	2	2
3.4	3	3	3	3

SOURCE: CAN 4/13/2005

CT-155, CL41A (Hawk)



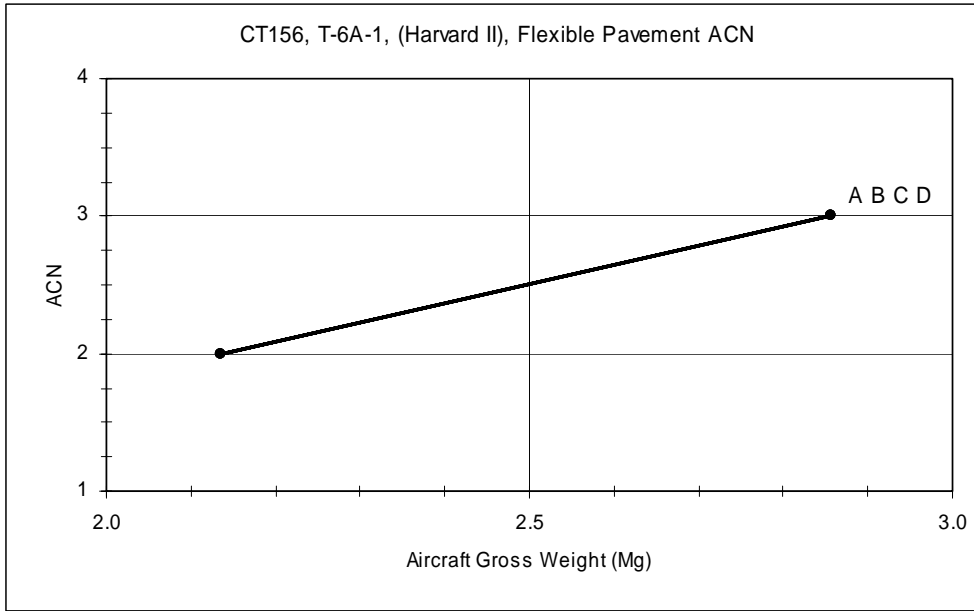
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.1	4	4	4	4
9.1	9	9	9	9



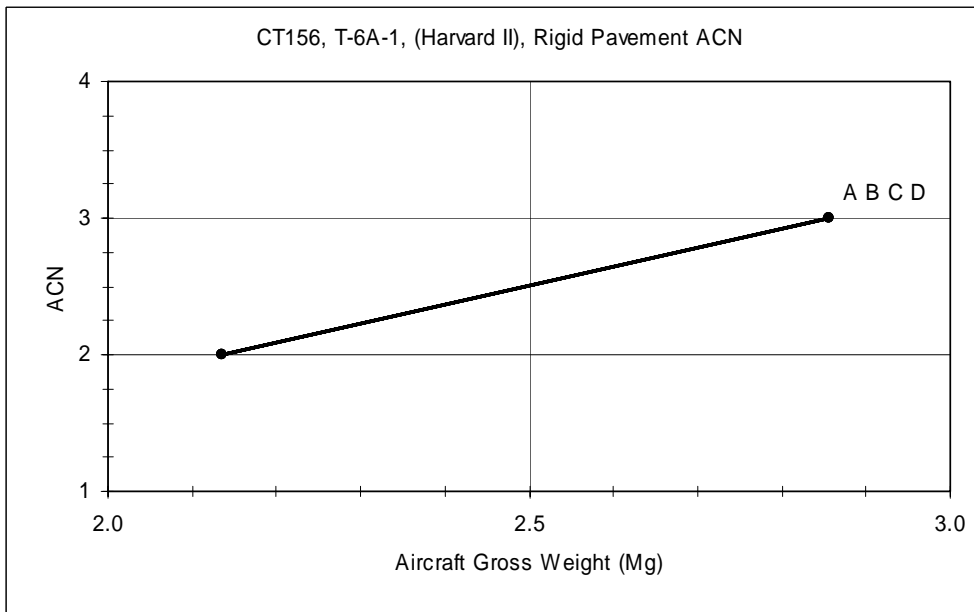
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.1	4	4	4	4
9.1	9	9	9	9

SOURCE: CAN 4/13/2005

CT-156, T-6A-1 (Harvard II)



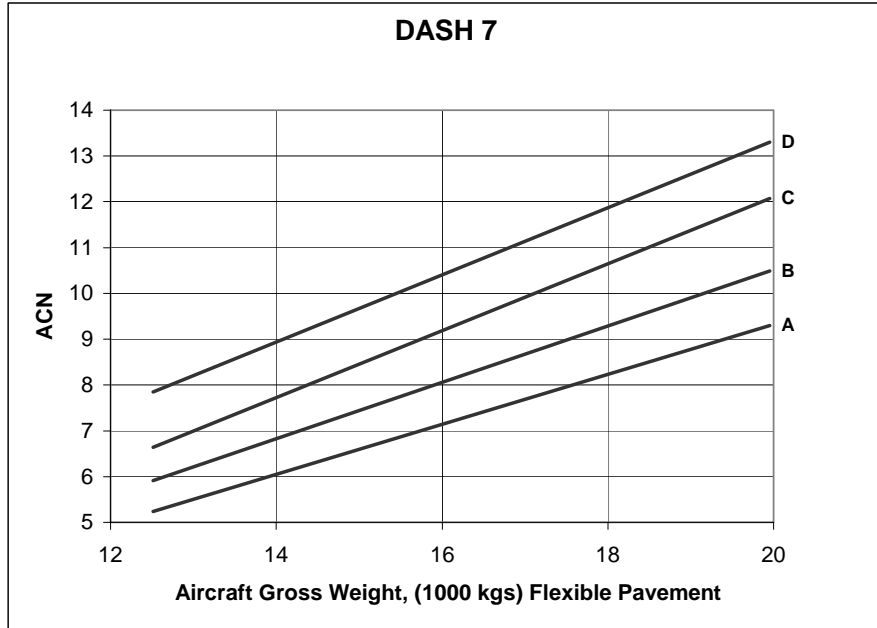
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
2.1	2	2	2	2
2.9	3	3	3	3



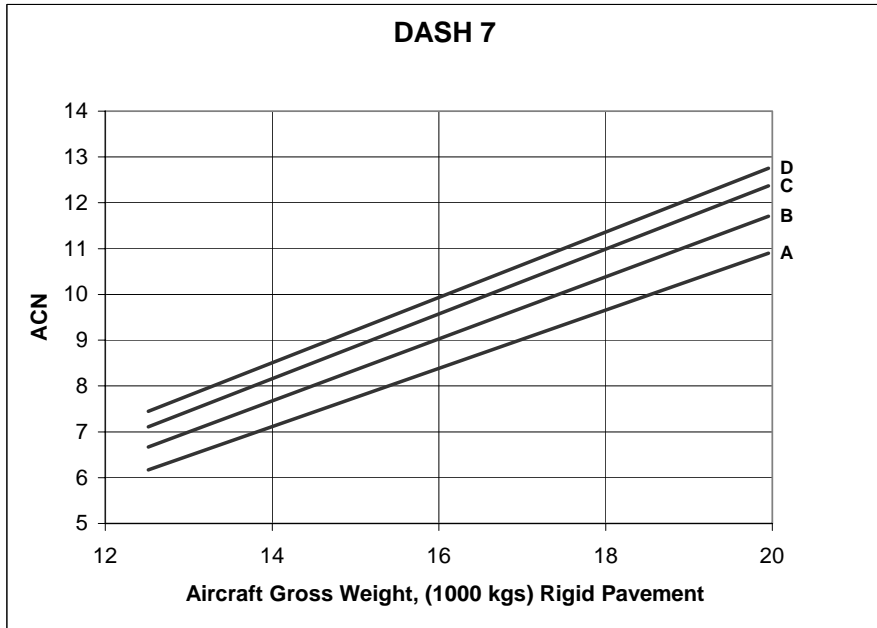
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
2.1	2	2	2	2
2.9	3	3	3	3

SOURCE: CAN 4/13/2005

DASH 7



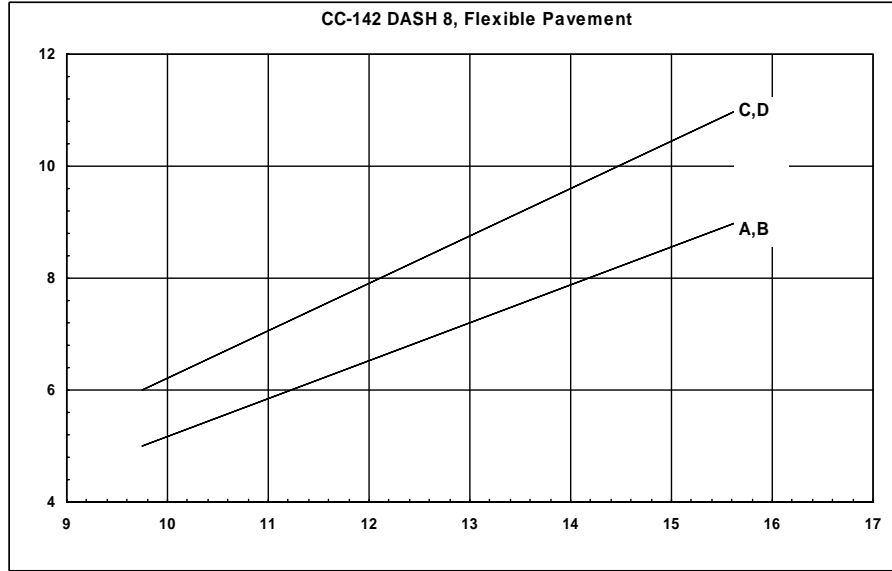
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.5 MIN	5.2	5.9	6.6	7.8
20 MAX	9.3	10.5	12.1	13.3



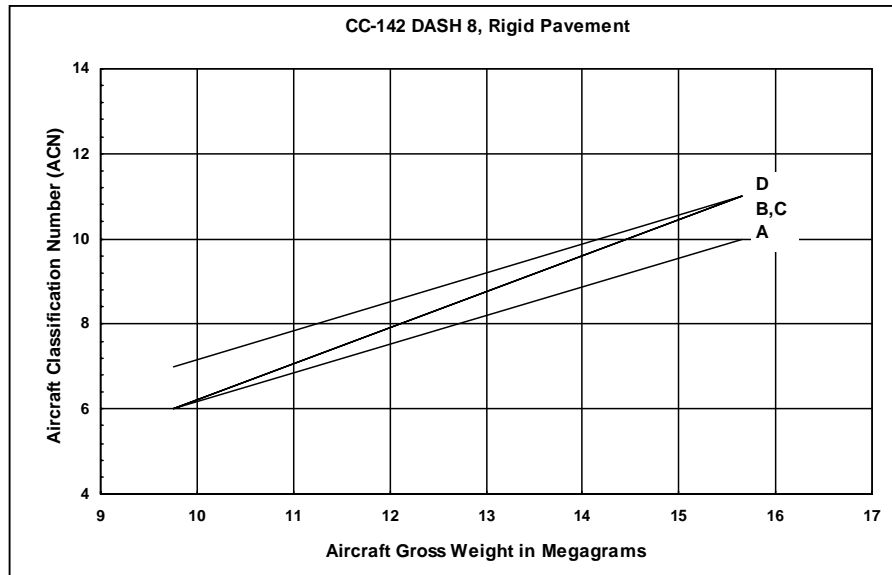
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.5 MIN	6.2	6.7	7.1	7.4
20 MAX	10.9	11.7	12.4	12.8

SOURCE: PCASE 2003

DASH 8 CC-142



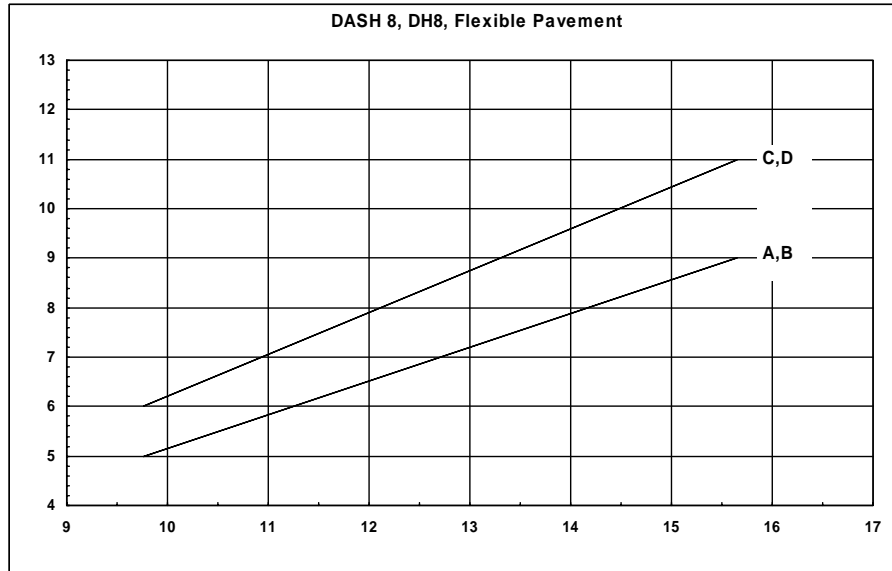
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.752	5	5	6	6
15.649	9	9	11	11



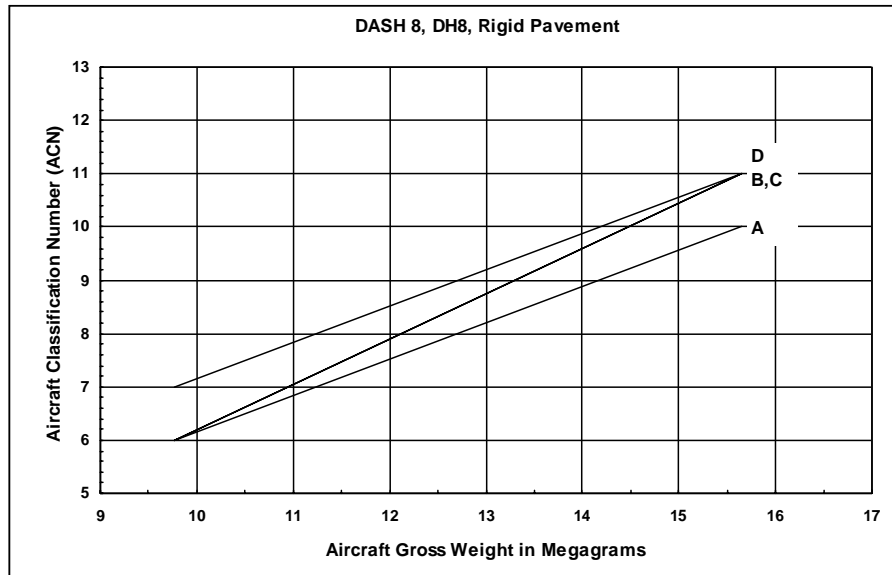
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.752	6	6	6	7
15.649	10	11	11	11

SOURCE: AFCESA 2002

DASH 8, DH8



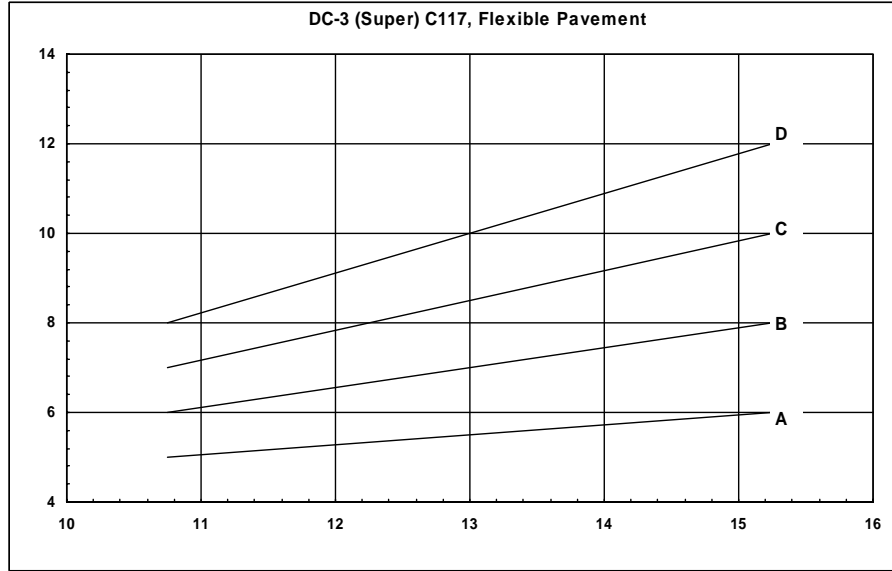
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.763	5	5	6	6
15.649	9	9	11	11



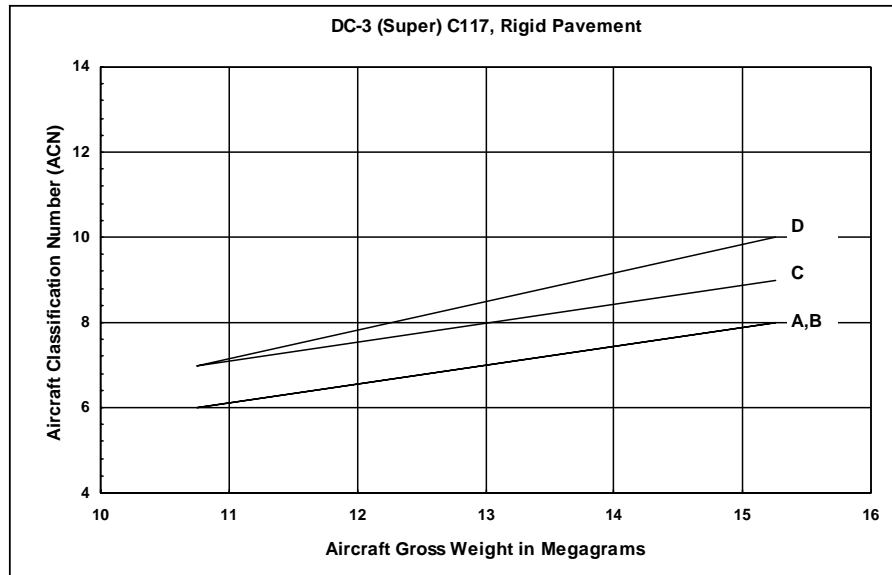
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.763	6	6	6	7
15.649	10	11	11	11

SOURCE: AFCESA 2002

DC-3 (Super) C117



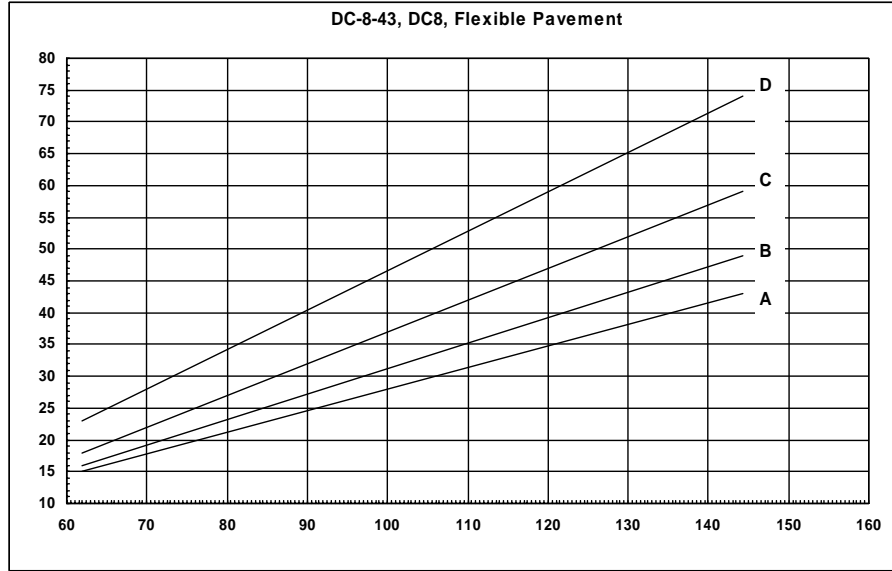
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10.75	5	6	7	8
15.255	6	8	10	12



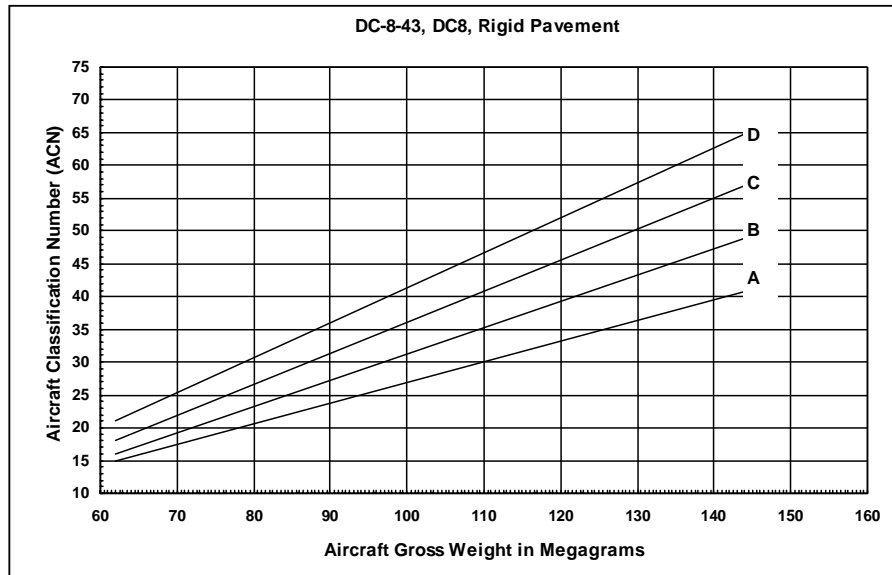
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10.75	6	6	7	7
15.255	8	8	9	10

SOURCE: AFCESA 2002

DC-8-43, DC8



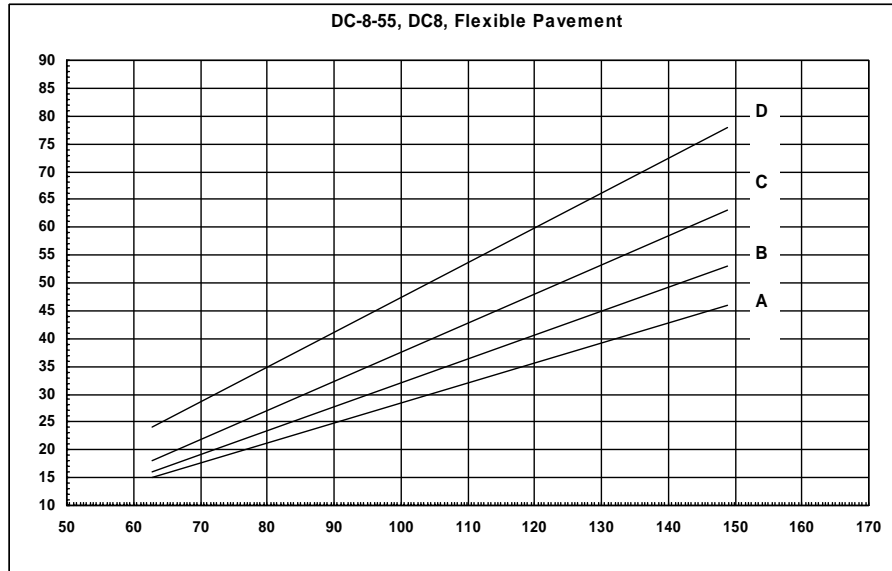
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
61.919	15	16	18	23
144.242	43	49	59	74



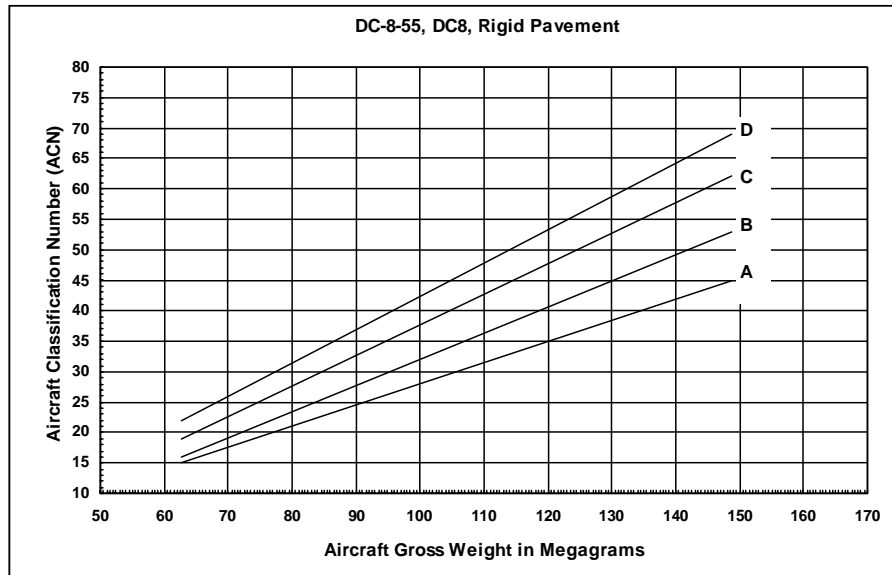
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
61.919	15	16	18	21
144.242	41	49	57	65

SOURCE: AFCESA 2002

DC-8-55, DC8



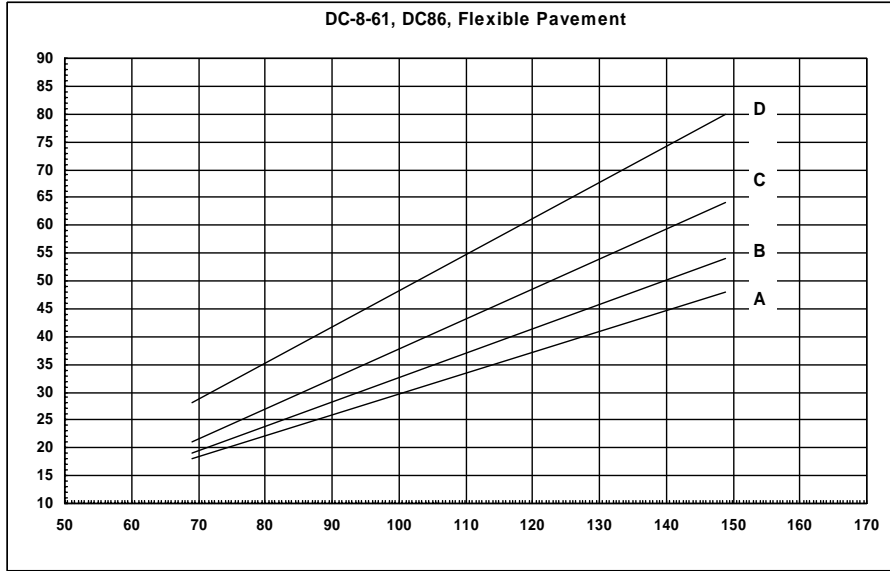
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
62.716	15	16	18	24
148.778	46	53	63	78



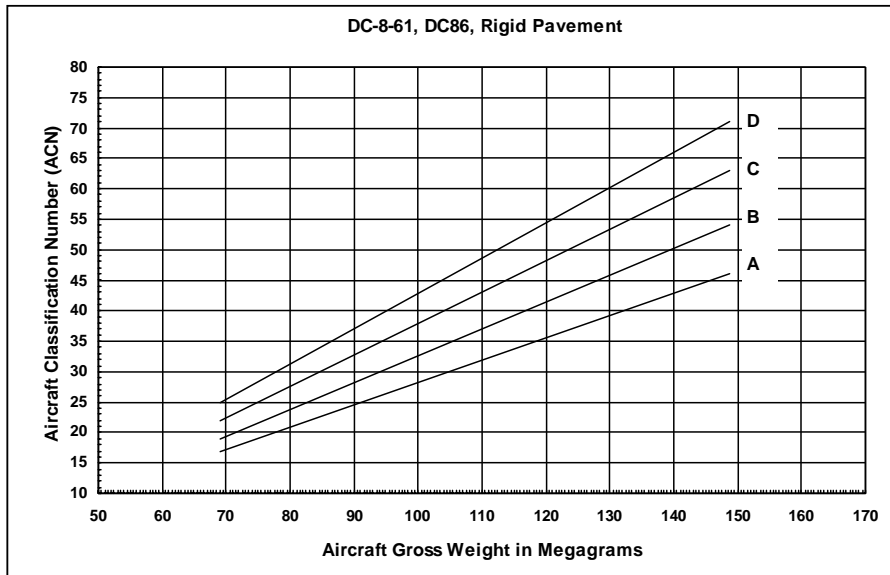
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
62.716	15	16	19	22
148.778	45	53	62	69

SOURCE: AFCEA 2002

DC-8-61, DC86



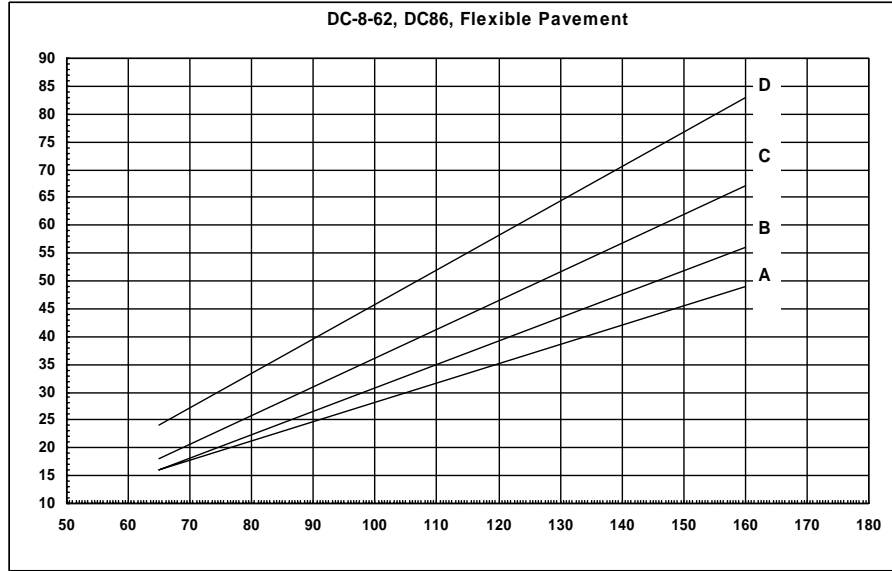
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
68.992	18	19	21	28
148.778	48	54	64	80



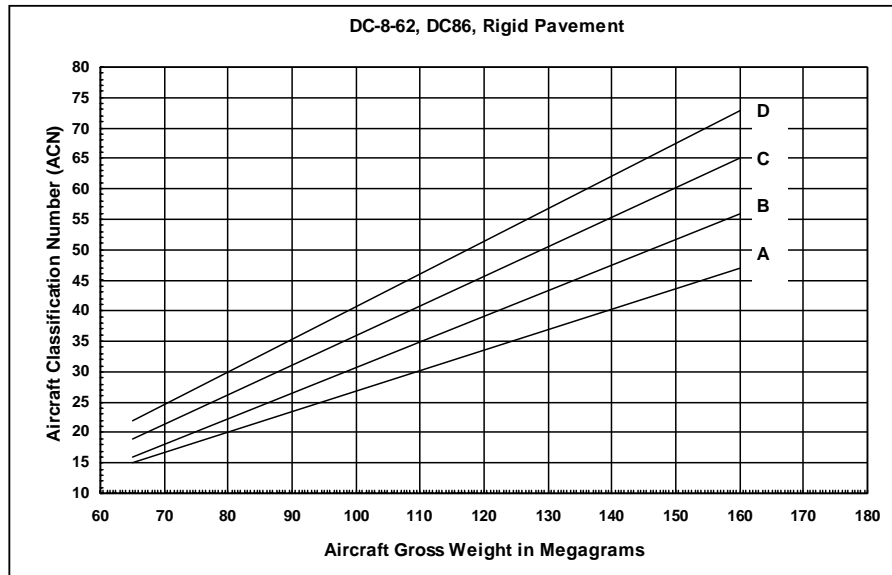
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
68.992	17	19	22	25
148.778	46	54	63	71

SOURCE: AFCESA 2002

DC-8-62, DC86



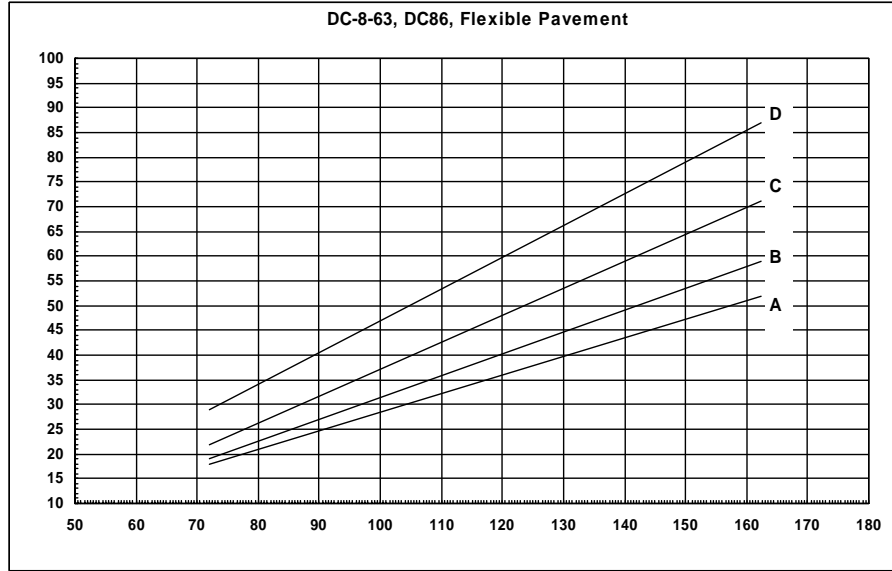
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
65.025	16	16	18	24
160.121	49	56	67	83



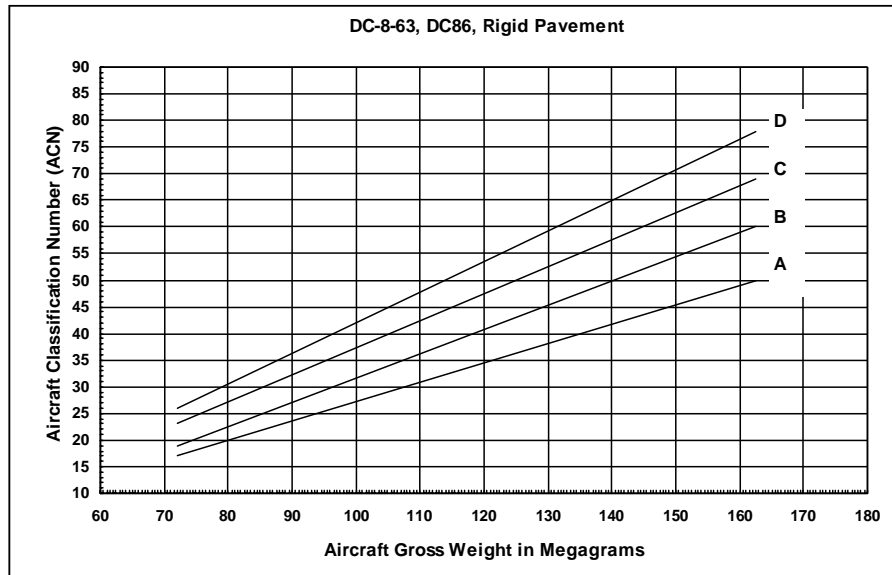
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
65.025	15	16	19	22
160.121	47	56	65	73

SOURCE: AFCESA 2002

DC-8-63, DC86



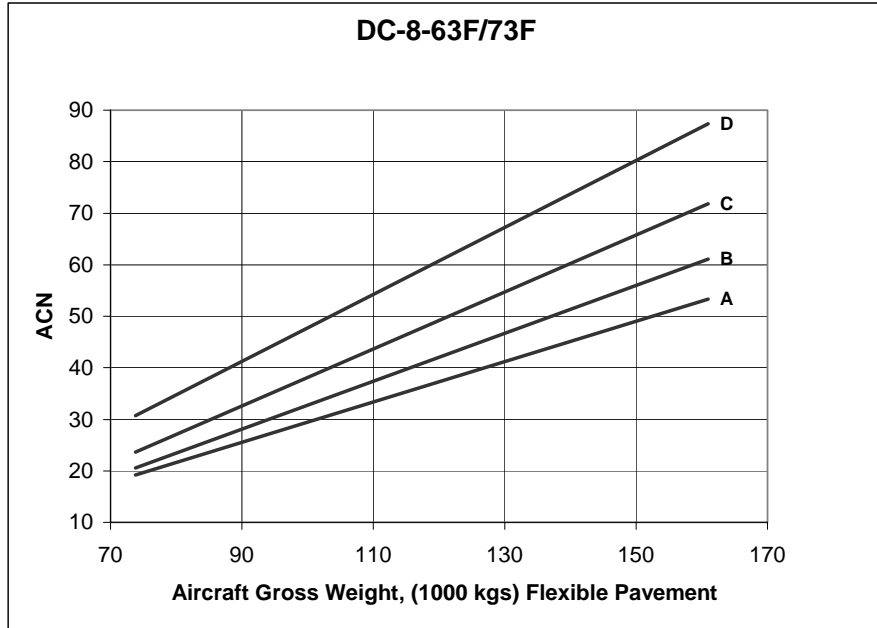
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
72.002	18	19	22	29
162.386	52	59	71	87



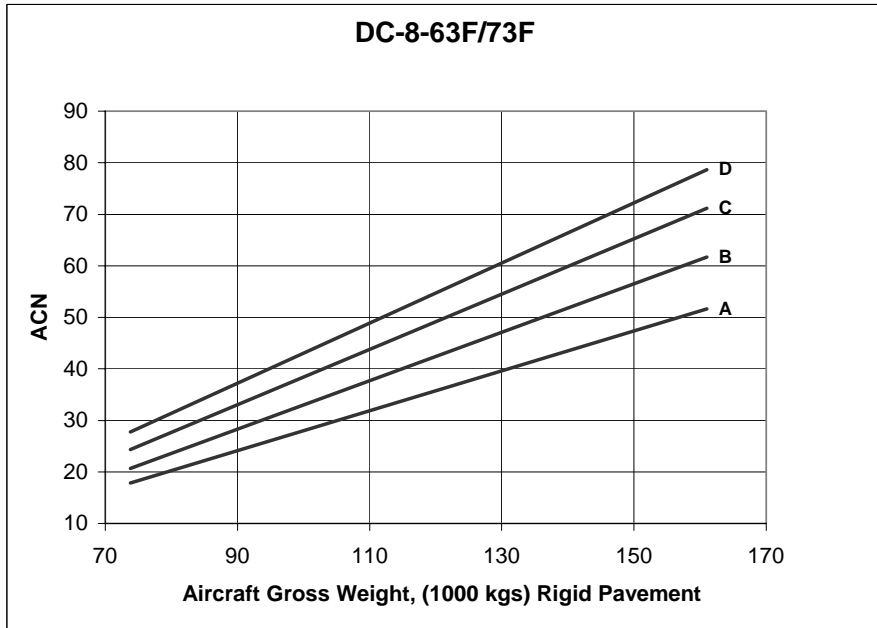
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
72.002	17	19	23	26
162.386	50	60	69	78

SOURCE: AFCESA 2002

DC-8-63F 73F



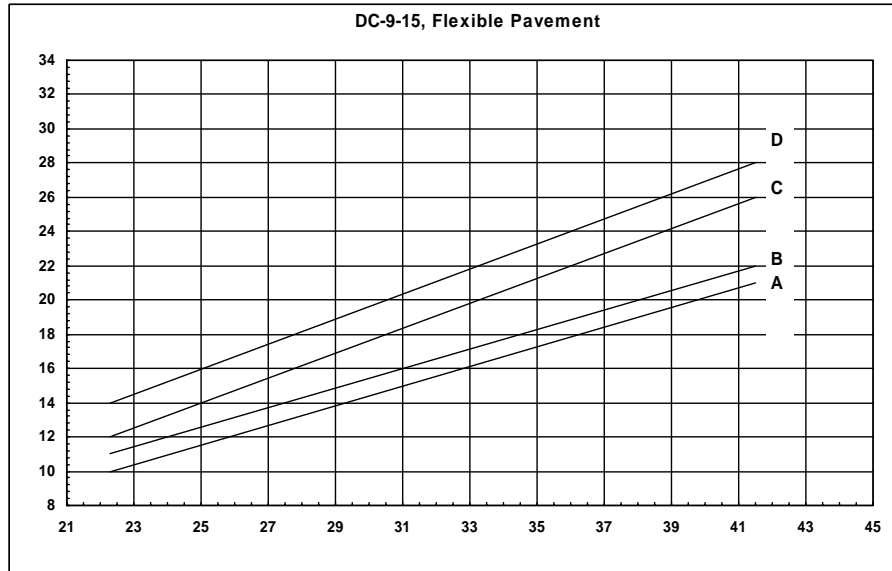
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
73.8 MIN	19.2	20.6	23.7	30.7
161 MAX	53.3	61.1	71.8	87.3



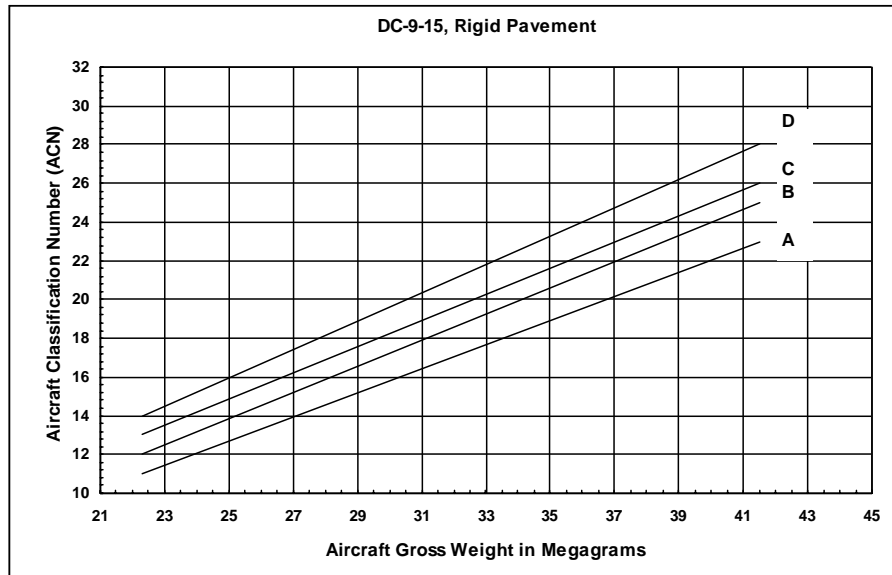
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
73.8 MIN	17.8	20.7	24.3	27.7
161 MAX	51.6	61.7	71.2	78.6

SOURCE: PCASE 2003

DC-9-15



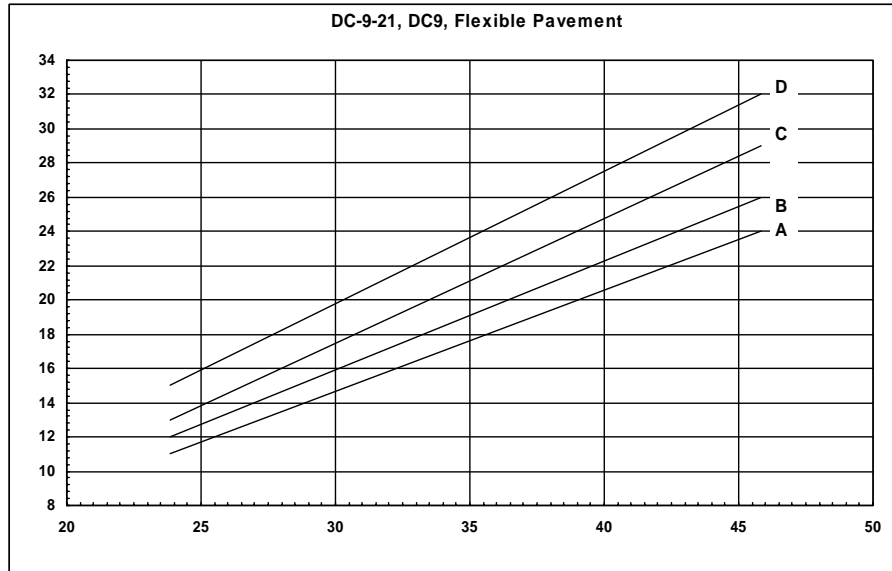
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
22.3	10	11	12	14
41.504	21	22	26	28



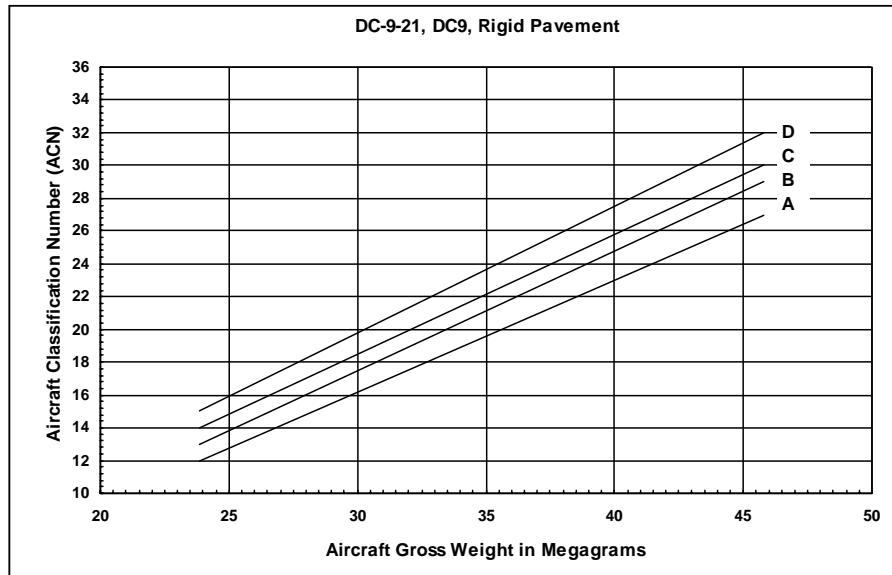
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
22.3	11	12	13	14
41.504	23	25	26	28

SOURCE: AFCESA 2002

DC-9-21, DC9



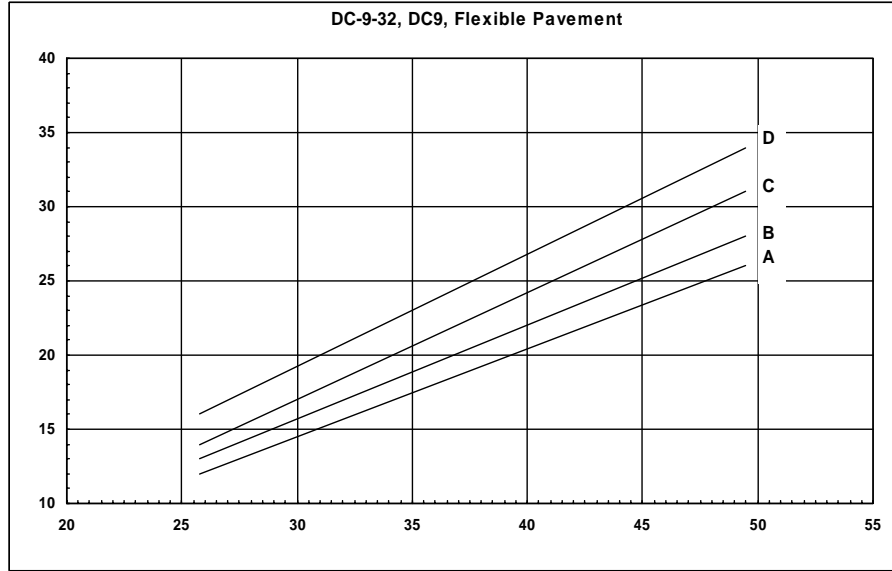
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
23.879	11	12	13	15
45.813	24	26	29	32



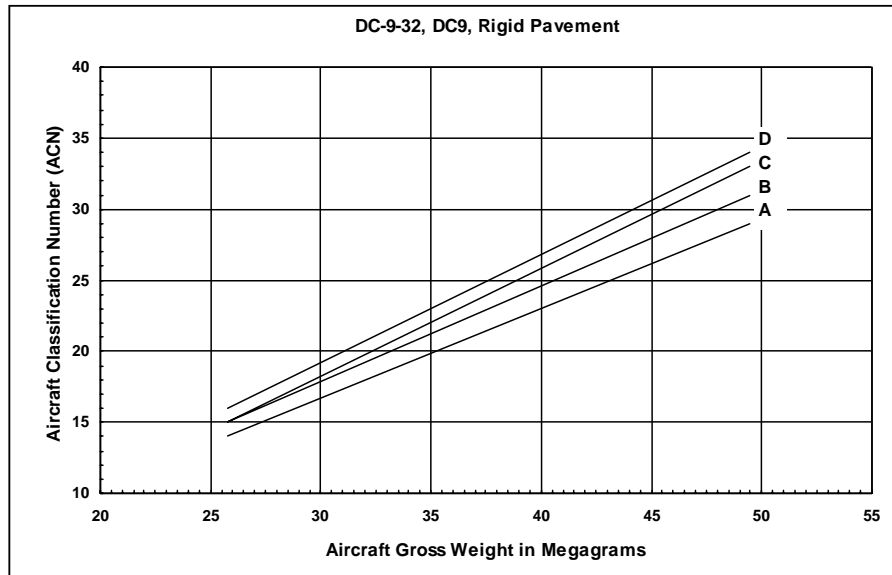
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
23.879	12	13	14	15
45.813	27	29	30	32

SOURCE: AFCESA 2002

DC-9-32, DC9



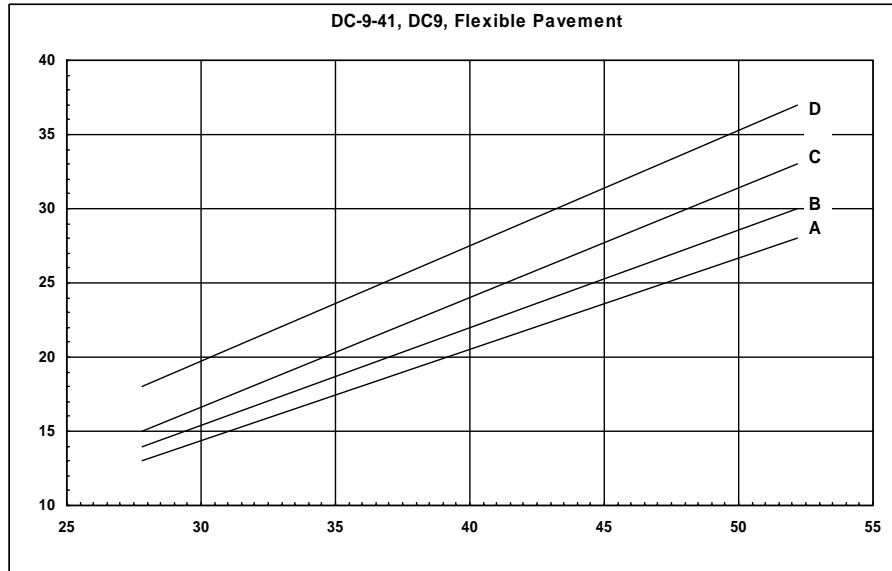
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
25.789	12	13	14	16
49.442	26	28	31	34



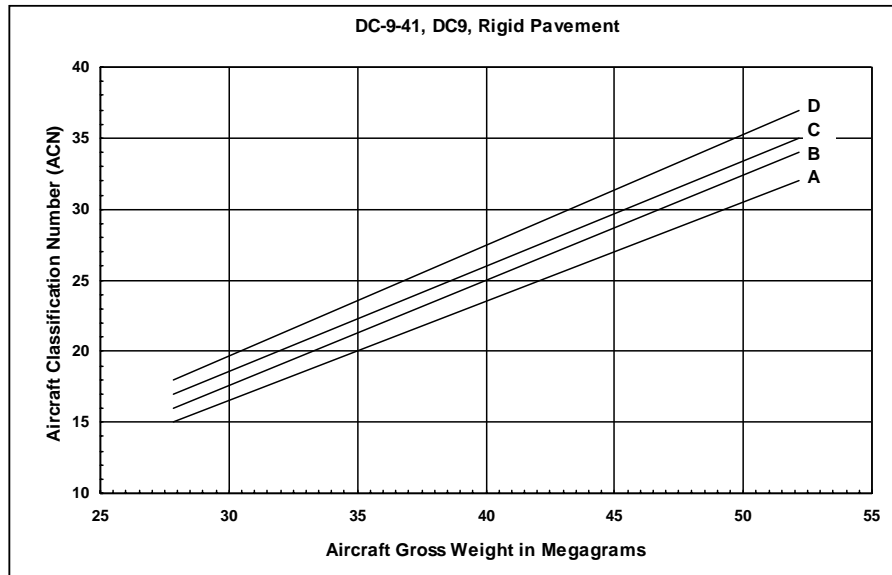
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
25.789	14	15	15	16
49.442	29	31	33	34

SOURCE: AFCESA 2002

DC-9-41, DC9



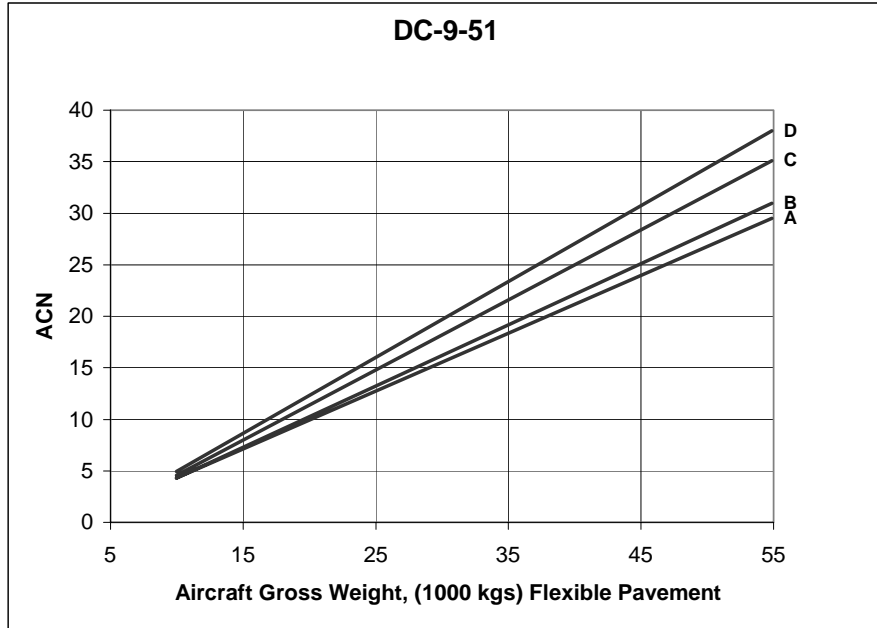
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
27.821	13	14	15	18
52.163	28	30	33	37



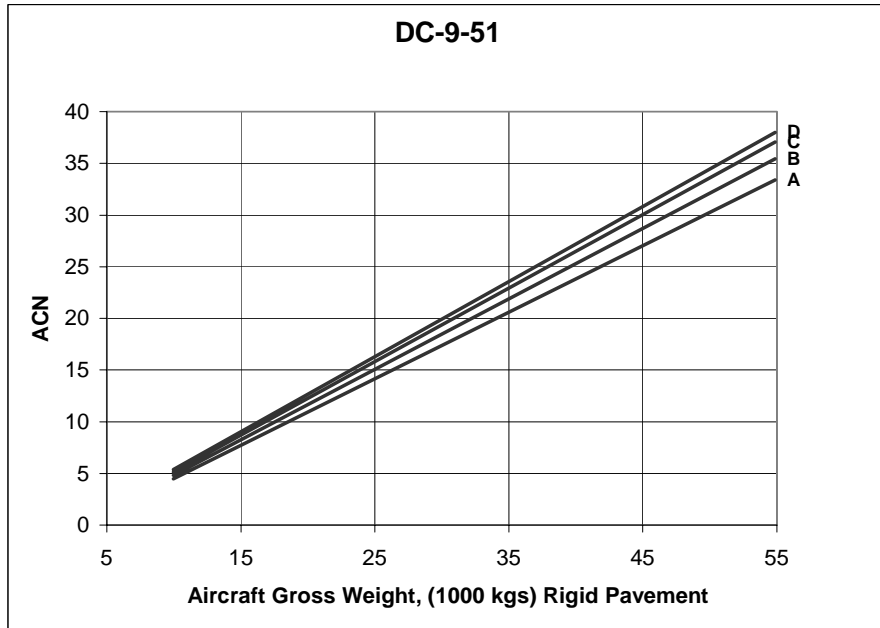
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
27.821	15	16	17	18
52.163	32	34	35	37

SOURCE: AFCESA 2002

DC-9-51



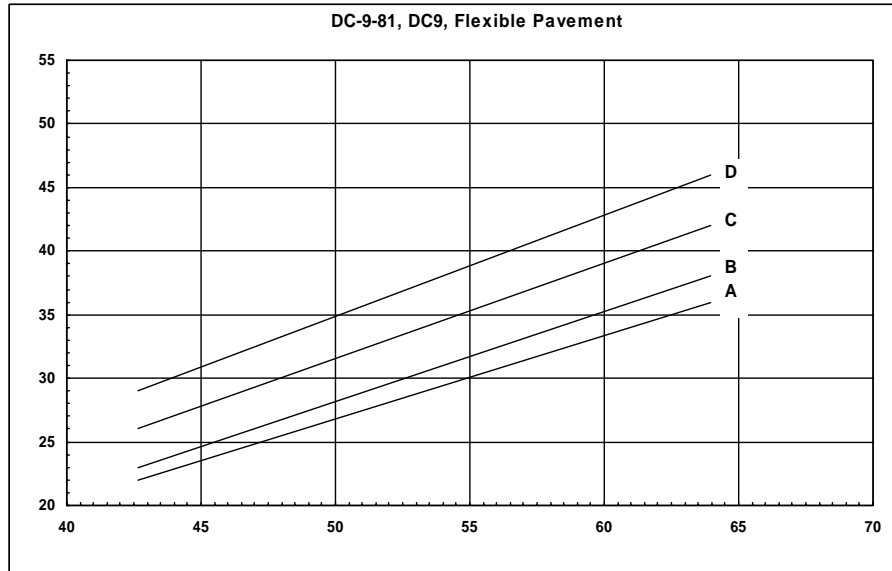
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10 MIN	4.3	4.3	4.5	5.0
54.9 MAX	29.5	31.0	35.1	38.0



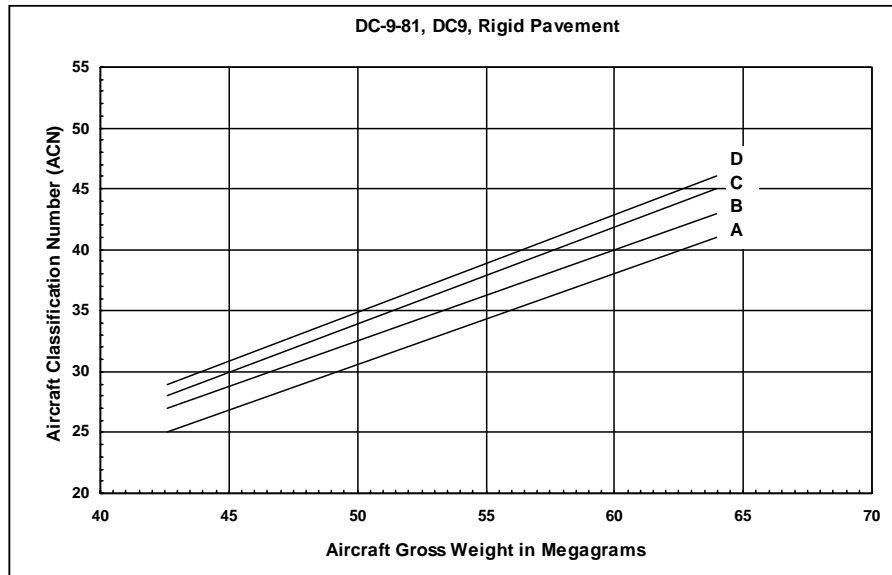
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10 MIN	4.5	4.8	5.1	5.4
54.9 MAX	33.4	35.5	37.1	38.0

SOURCE: PCASE 2003

DC-9-81, DC9



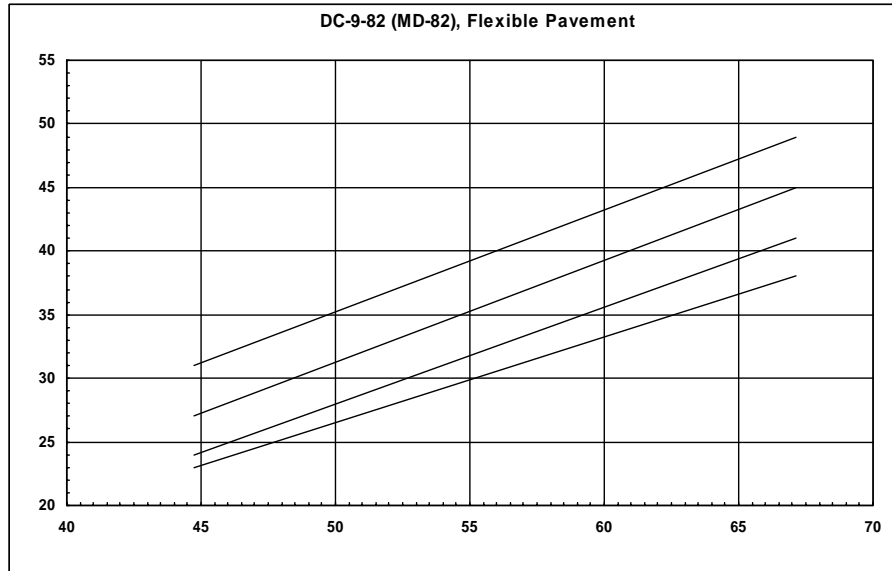
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
42.638	22	23	26	29
63.958	36	38	42	46



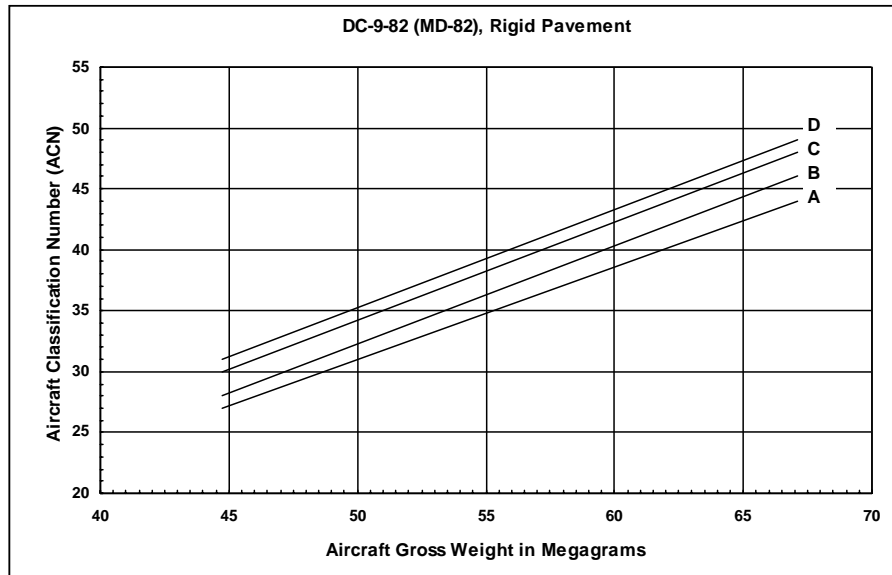
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
42.638	25	27	28	29
63.958	41	43	45	46

SOURCE: AFCESA 2002

DC-9-82 (MD-82)



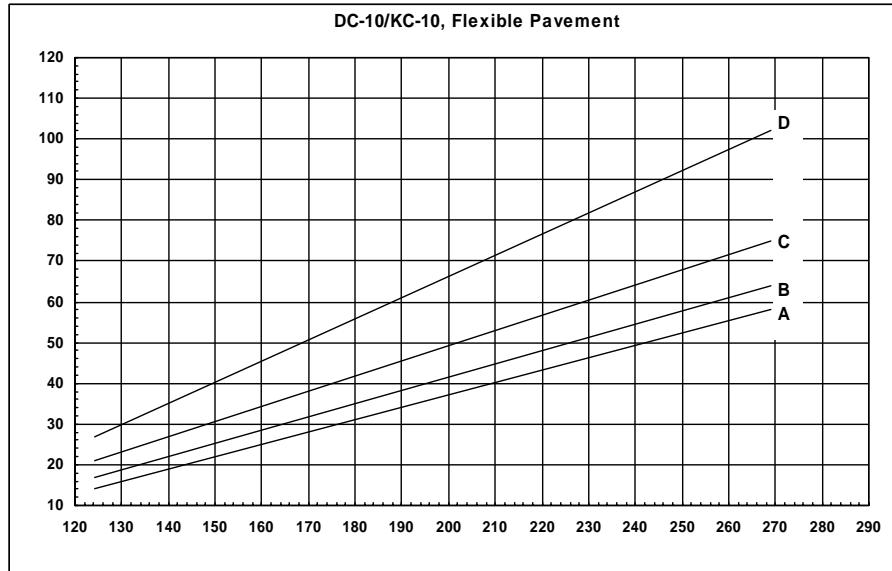
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
44.755	23	24	27	31
67.133	38	41	45	49



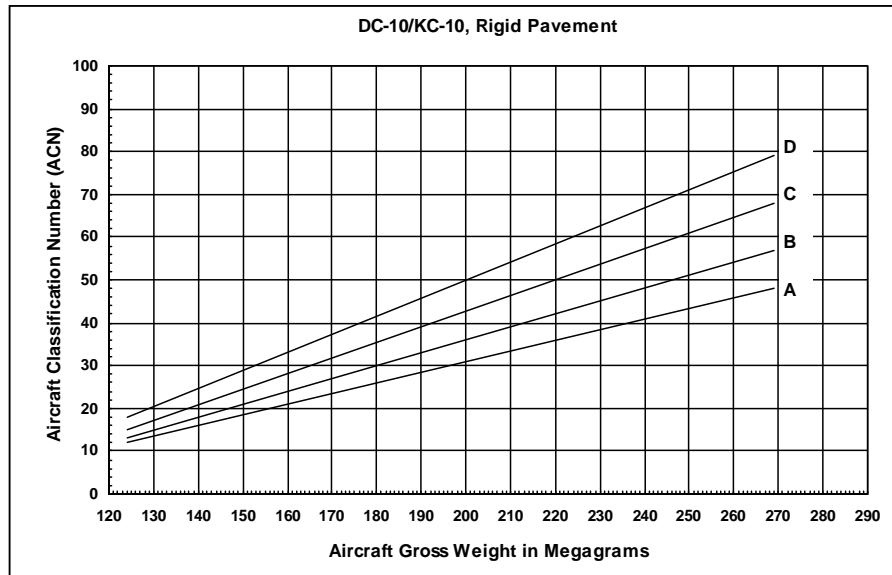
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
44.755	27	28	30	31
67.133	44	46	48	49

SOURCE: AFCESA 2002

DC-10/KC-10



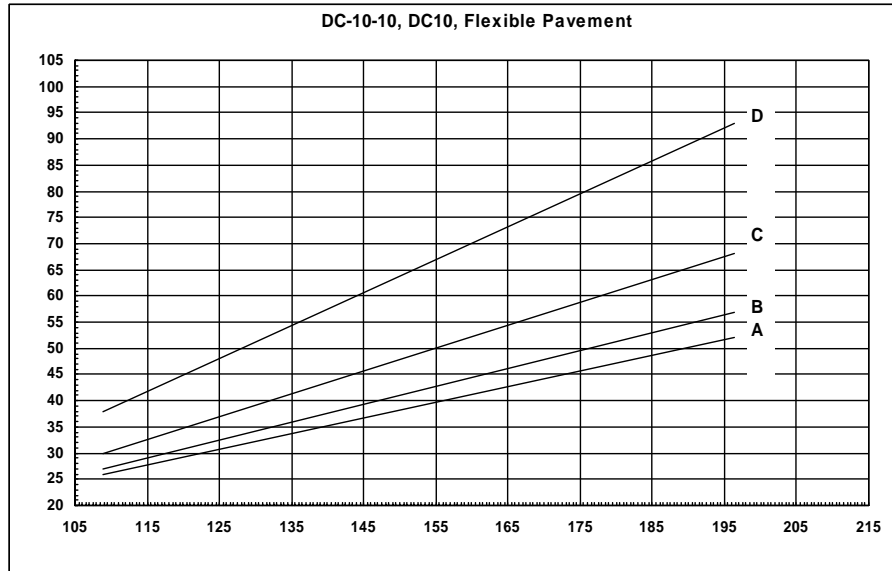
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
124.059	14	17	21	27
268.983	58	64	75	102



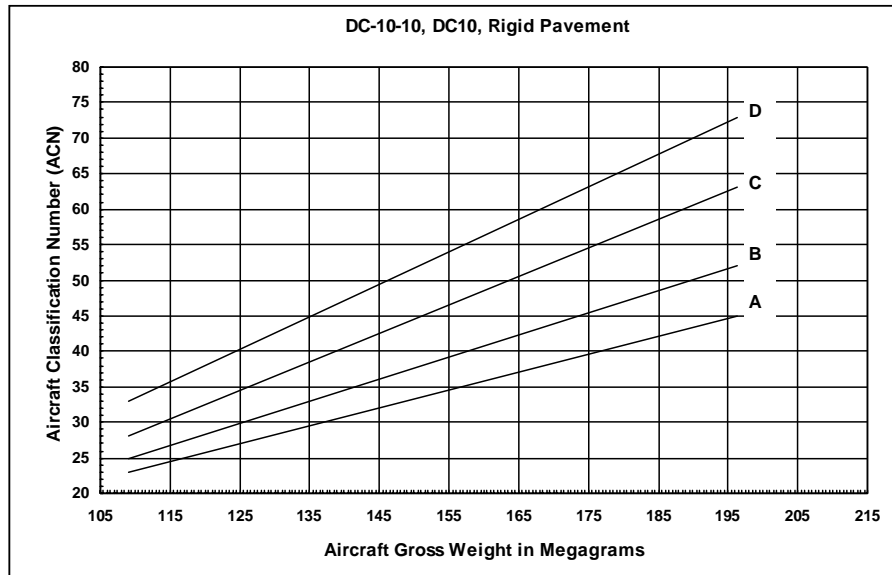
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
124.059	12	13	15	18
268.983	48	57	68	79

SOURCE: AFCESA 2002

DC-10-10, DC10



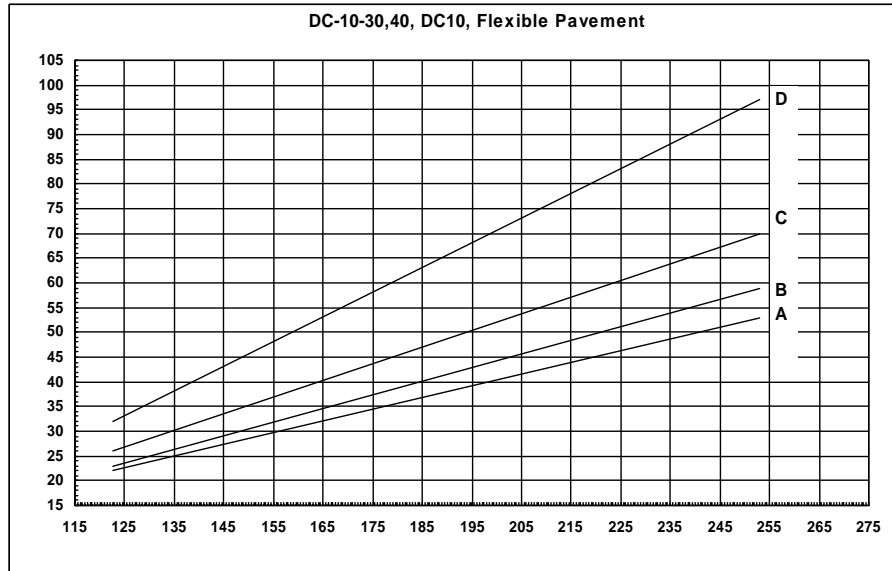
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
108.94	26	27	30	38
196.406	52	57	68	93



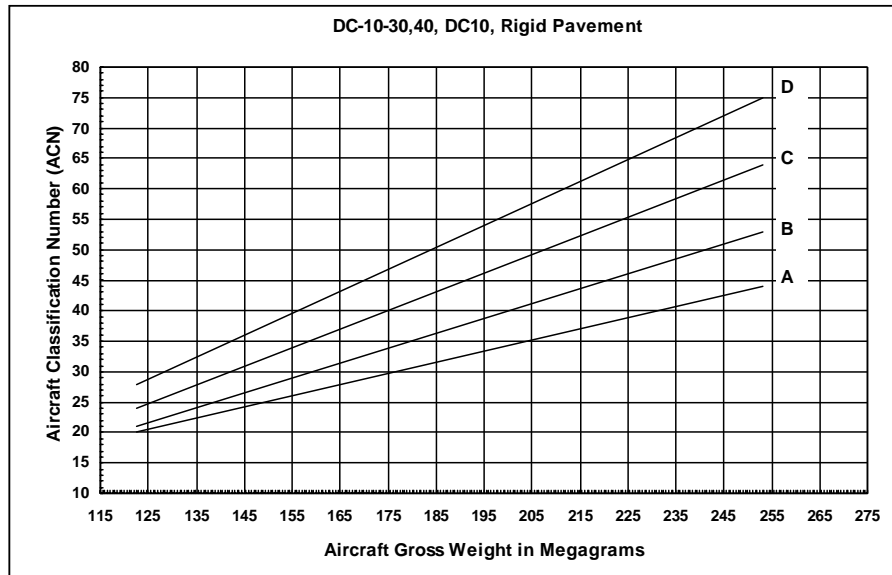
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
108.94	23	25	28	33
196.406	45	52	63	73

SOURCE: AFCESA 2002

DC-10-30, 40, DC10



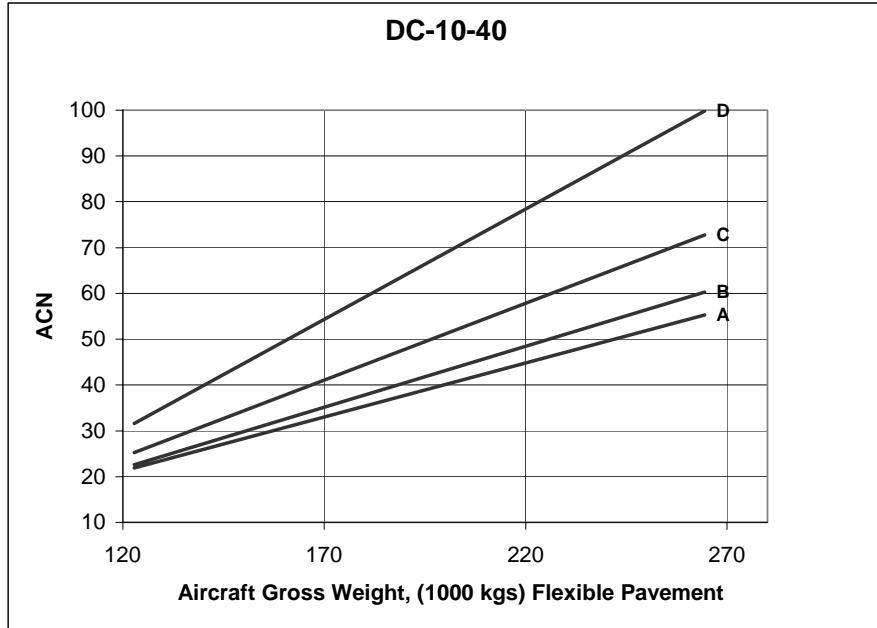
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
122.567	22	23	26	32
253.105	53	59	70	97



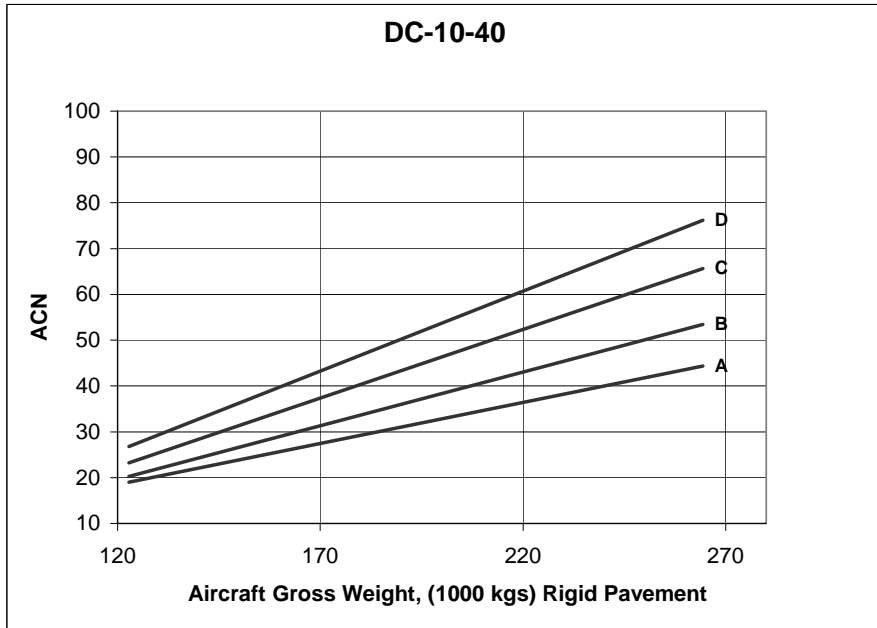
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
122.567	20	21	24	28
253.105	44	53	64	75

SOURCE: AFCESA 2002

DC-10-40



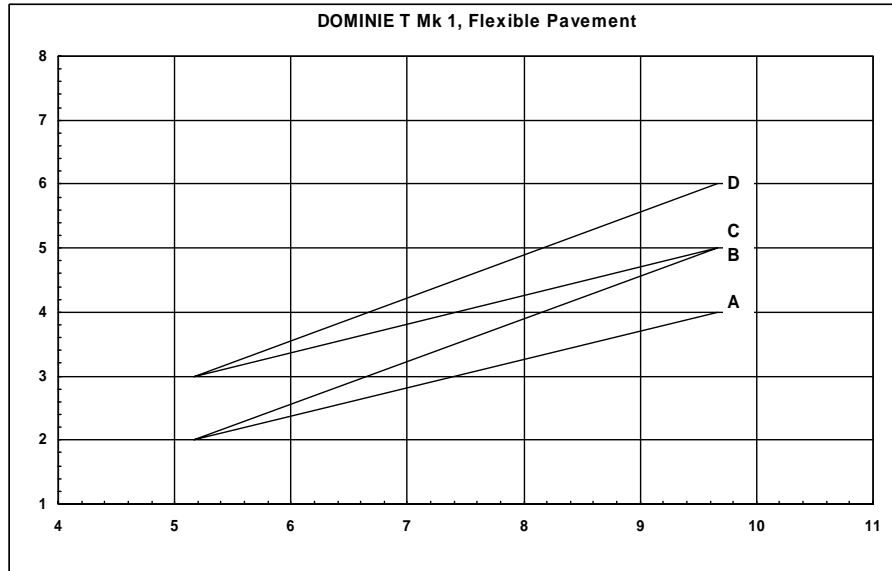
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
122.8 MIN	21.9	22.6	25.3	31.6
264.4 MAX	55.3	60.3	72.7	99.8



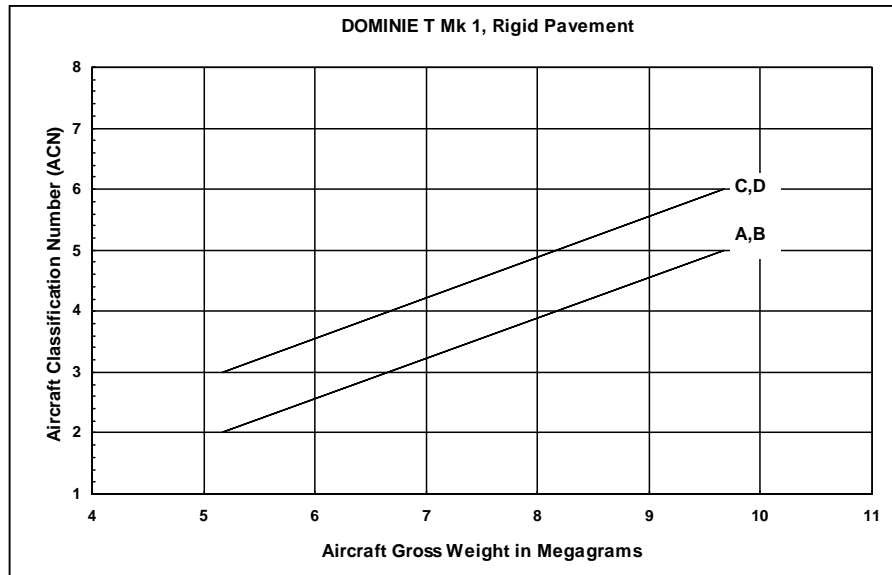
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
122.8 MIN	19.0	20.2	23.3	26.8
264.4 MAX	44.3	53.5	65.7	76.2

SOURCE: PCASE 2003

DOMINIE T Mk 1



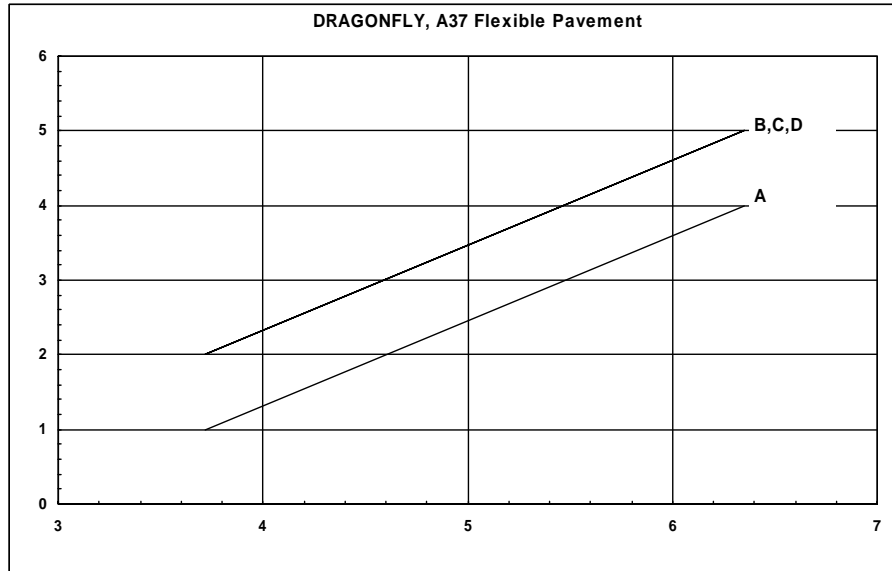
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.171	2	2	3	3
9.662	4	5	5	6



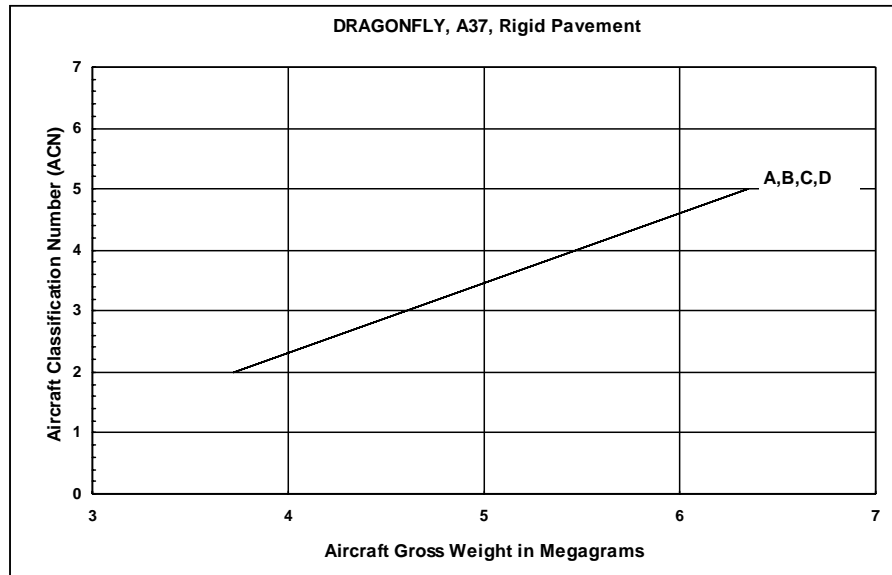
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.171	2	2	3	3
9.662	5	5	6	6

SOURCE: AFCESA 2002

DRAGONFLY, A37



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.719	1	2	2	2
6.35	4	5	5	5



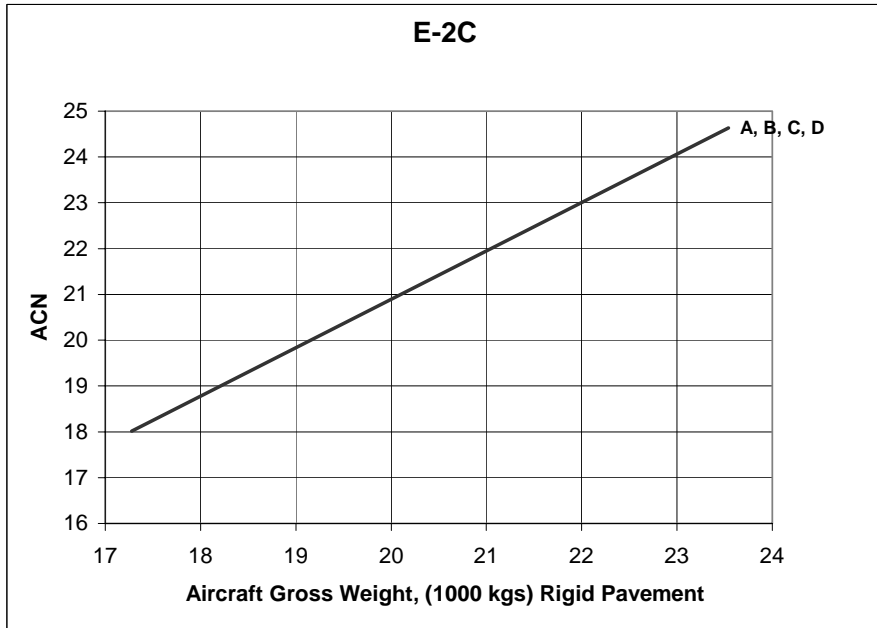
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.719	2	2	2	2
6.35	5	5	5	5

SOURCE: AFCESA 2002

E-2C



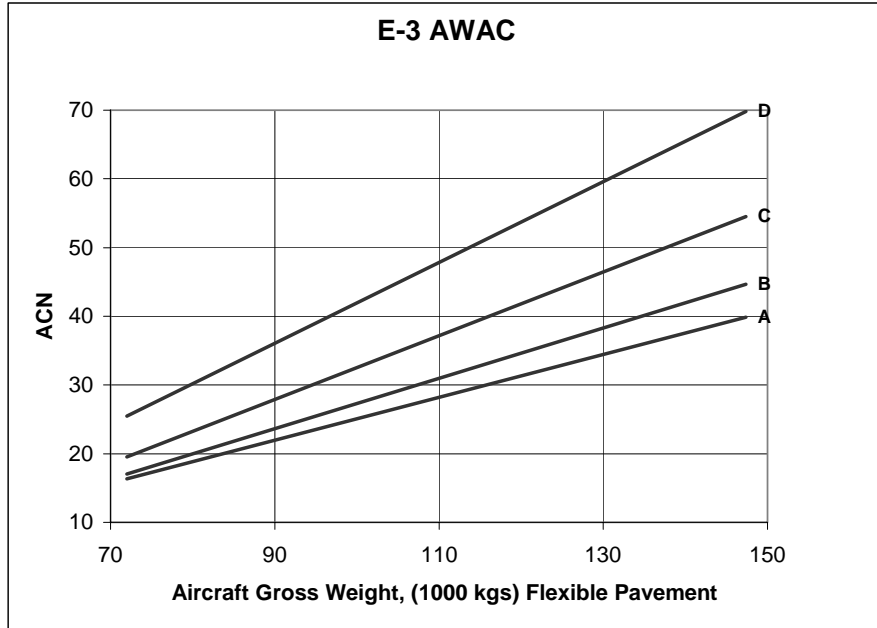
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
17.3 MIN	16.9	16.9	16.9	16.9
23.5 MAX	23.1	23.1	23.1	23.1



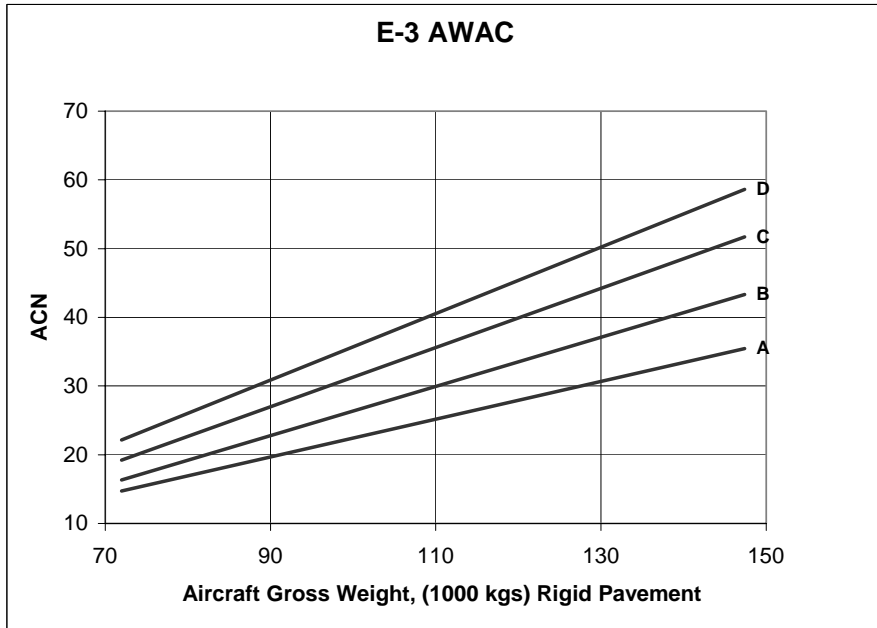
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
17.3 MIN	18.0	18.0	18.0	18.0
23.5 MAX	24.6	24.6	24.6	24.6

SOURCE: PCASE 2003

E-3 AWAC



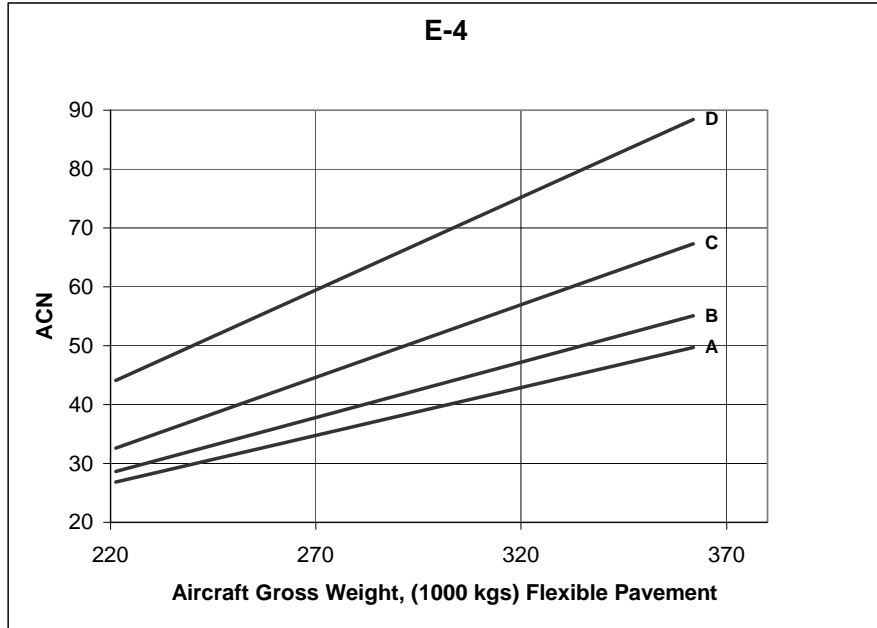
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
72 MIN	16.3	17.0	19.5	25.5
147.4 MAX	39.9	44.7	54.5	69.8



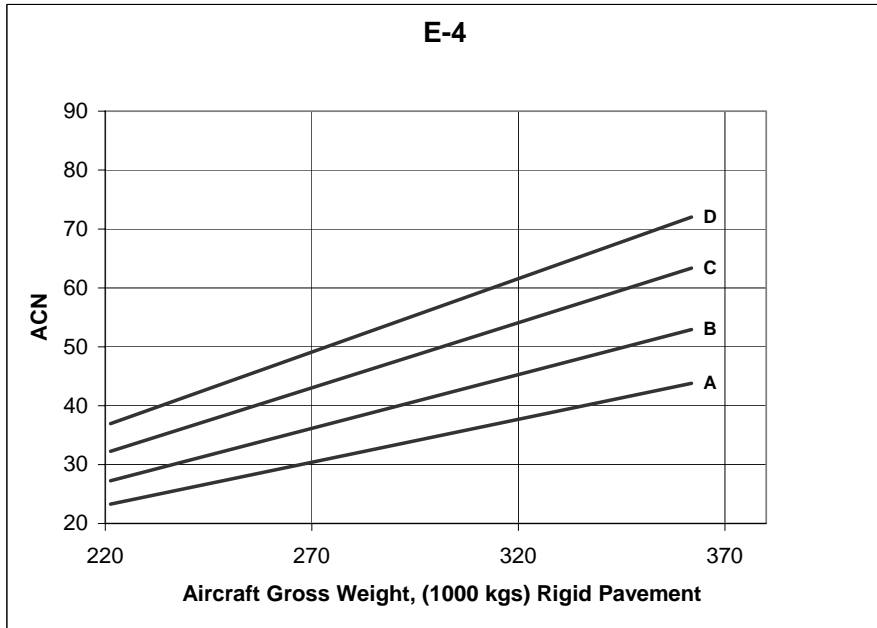
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
72 MIN	14.7	16.4	19.2	22.2
147.4 MAX	35.5	43.3	51.7	58.6

SOURCE: PCASE 2003

E-4



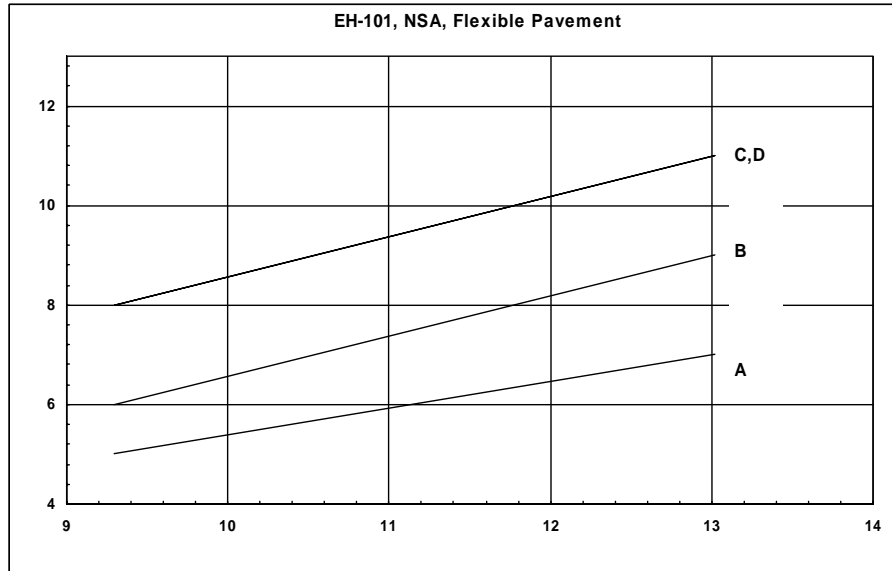
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
221.3 MIN	26.8	28.7	32.6	44.1
361.9 MAX	49.7	55.1	67.3	88.4



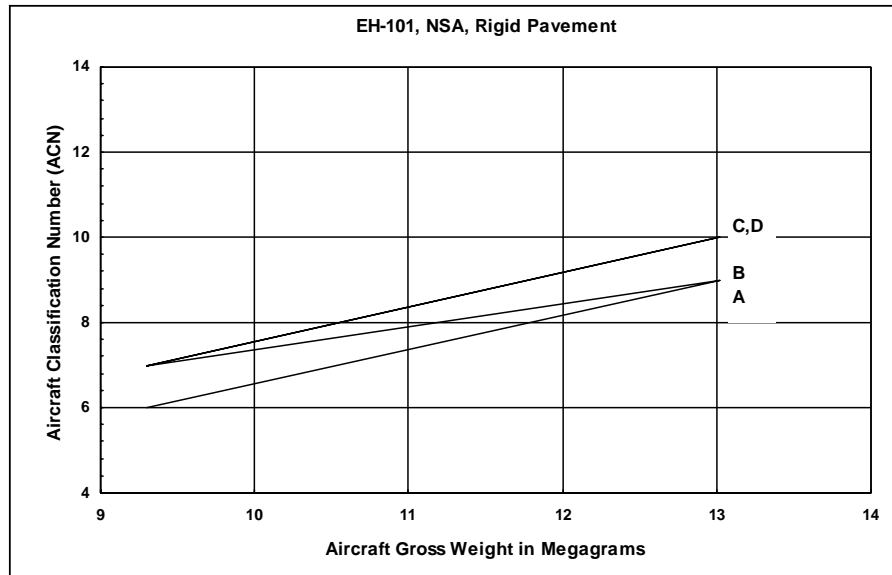
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
221.3 MIN	23.3	27.2	32.2	36.9
361.9 MAX	43.8	52.9	63.3	72.0

SOURCE: PCASE 2003

EH-101, NSA



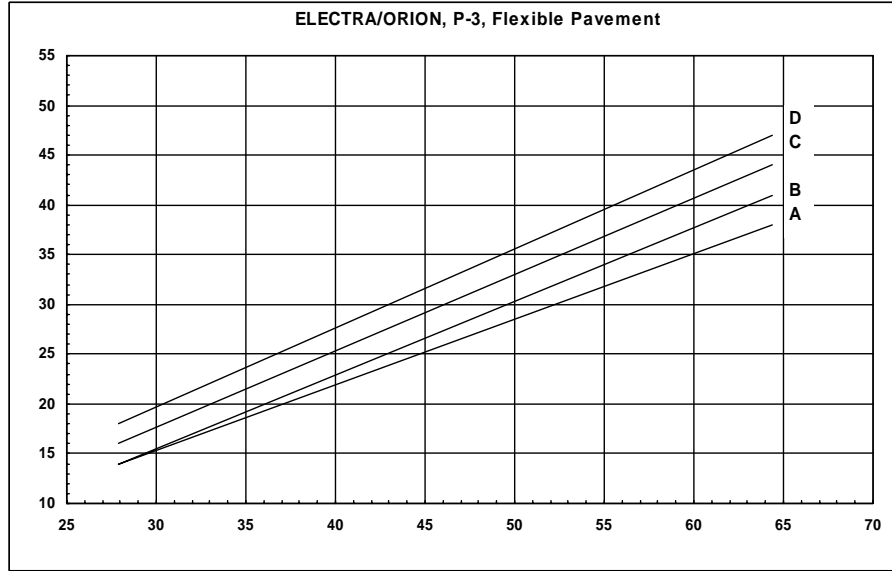
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.299	5	6	8	8
13.018	7	9	11	11



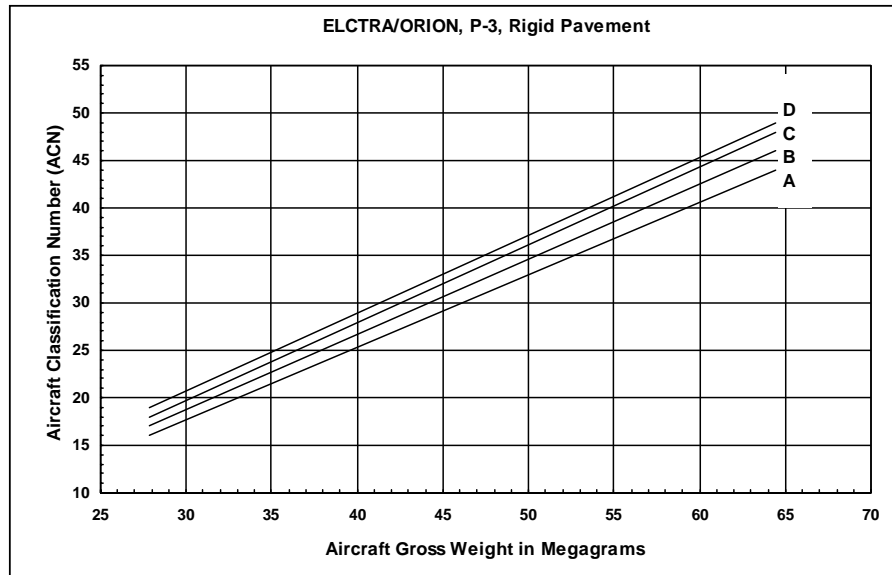
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.299	6	7	7	7
13.018	9	9	10	10

SOURCE: AFCESA 2002

ELECTRA/ORION, P-3



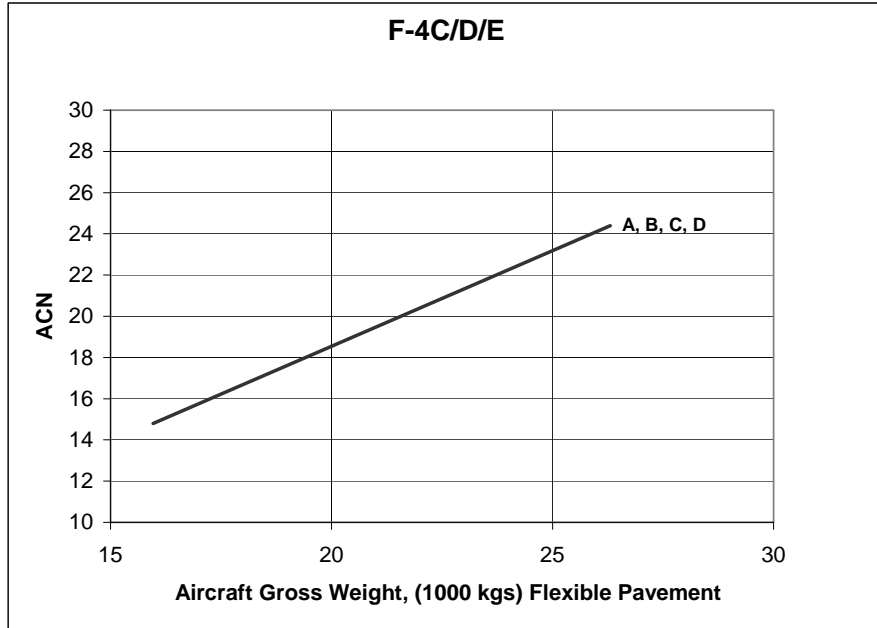
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
27.89	14	14	16	18
64.41	38	41	44	47



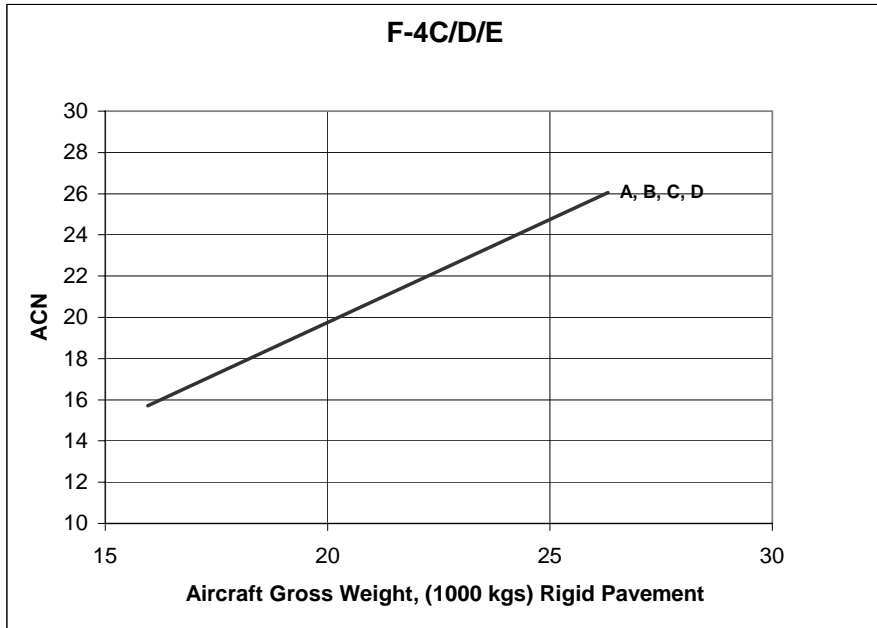
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
27.89	16	17	18	19
64.41	44	46	48	49

SOURCE: AFCESA 2002

F-4C D E



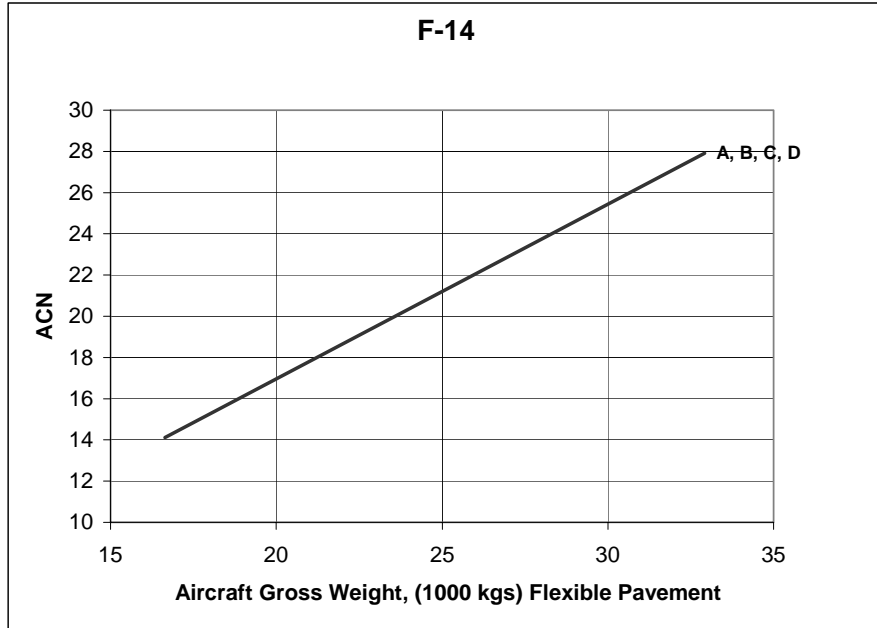
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
16 MIN	14.8	14.8	14.8	14.8
26.3 MAX	24.4	24.4	24.4	24.4



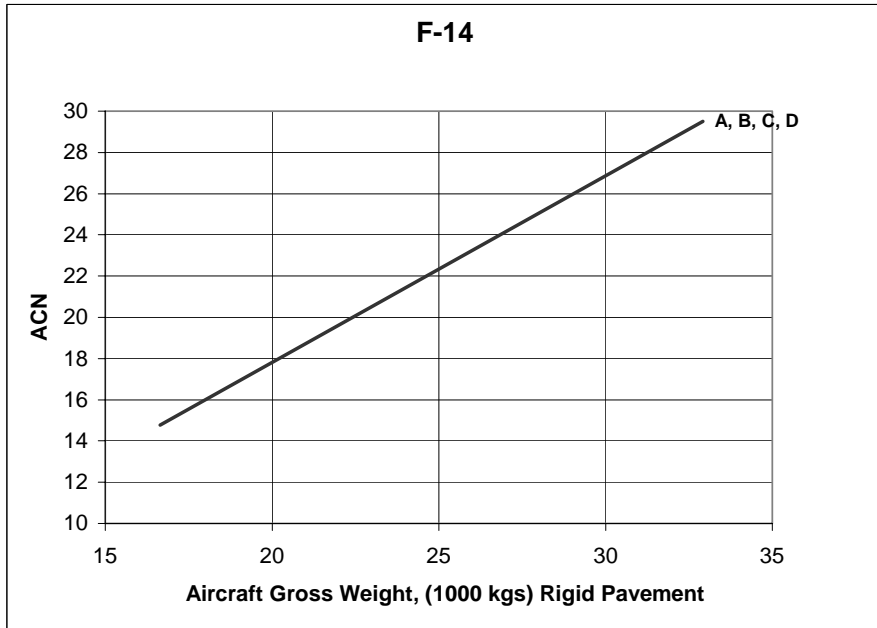
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
16 MIN	15.7	15.7	15.7	15.7
26.3 MAX	26.1	26.1	26.1	26.1

SOURCE: PCASE 2003

F-14



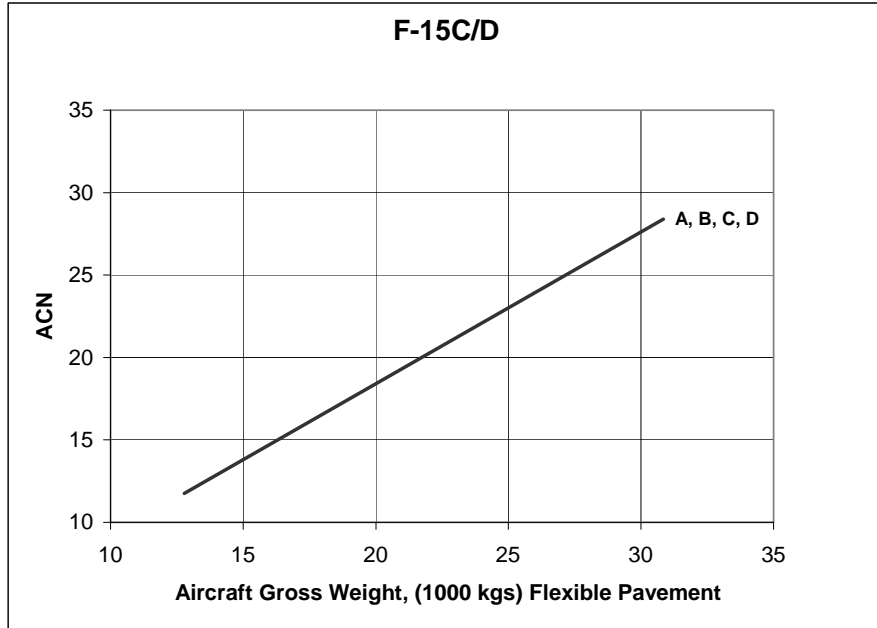
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
16.6 MIN	14.1	14.1	14.1	14.1
32.9 MAX	27.9	27.9	27.9	27.9



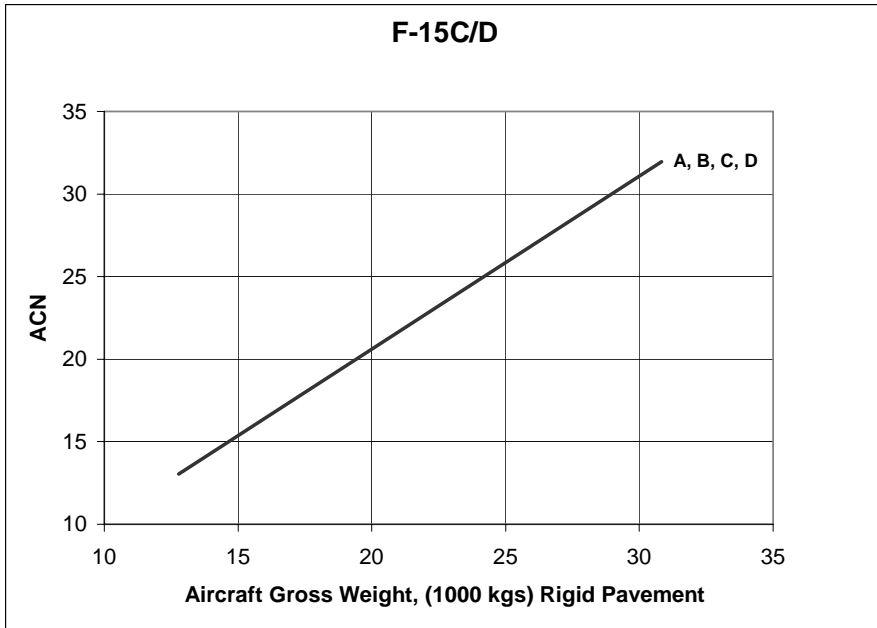
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
16.6 MIN	14.8	14.8	14.8	14.8
32.9 MAX	29.5	29.5	29.5	29.5

SOURCE: PCASE 2003

F-15C D



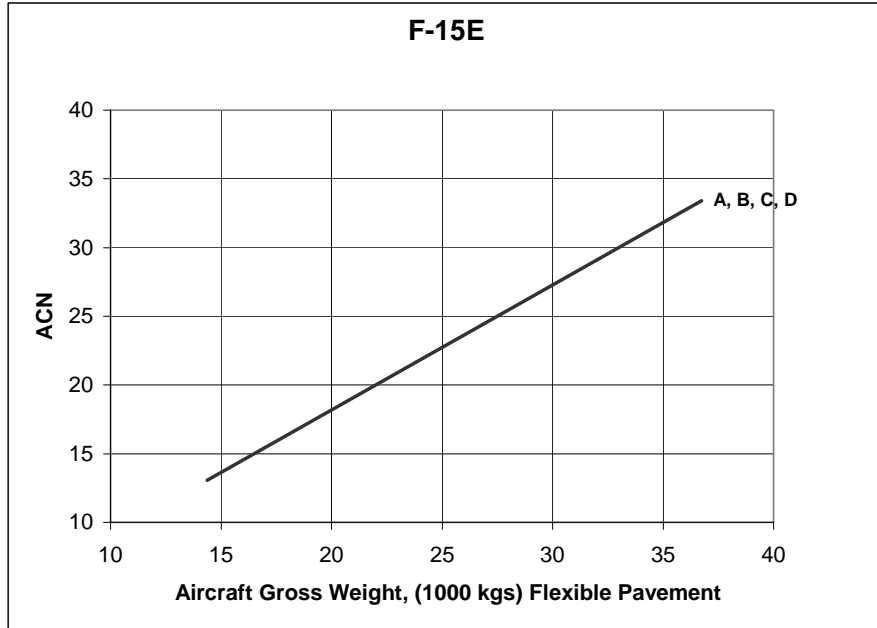
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.8 MIN	11.8	11.8	11.8	11.8
30.8 MAX	28.4	28.4	28.4	28.4



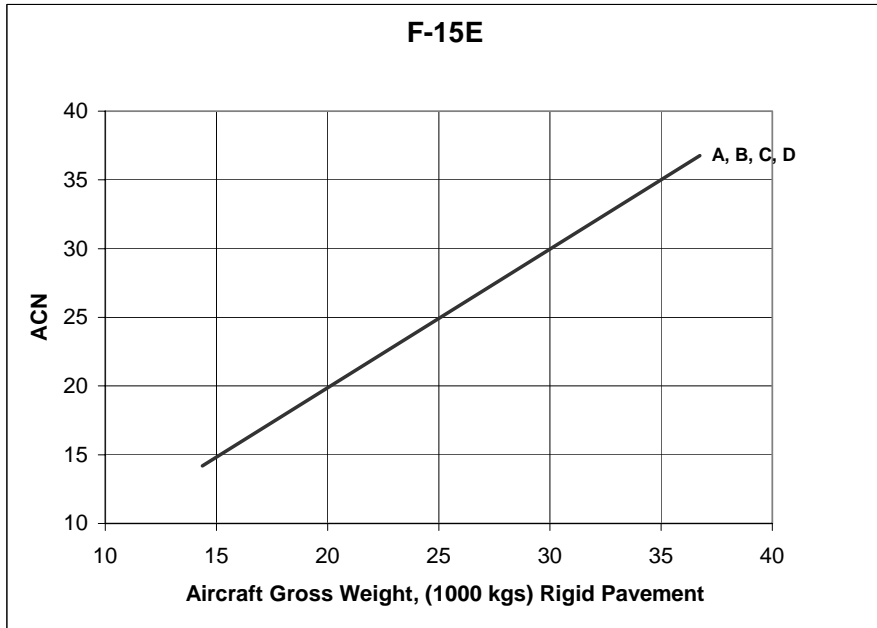
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.8 MIN	13.0	13.0	13.0	13.0
30.8 MAX	32.0	32.0	32.0	32.0

SOURCE: PCASE 2003

F-15E



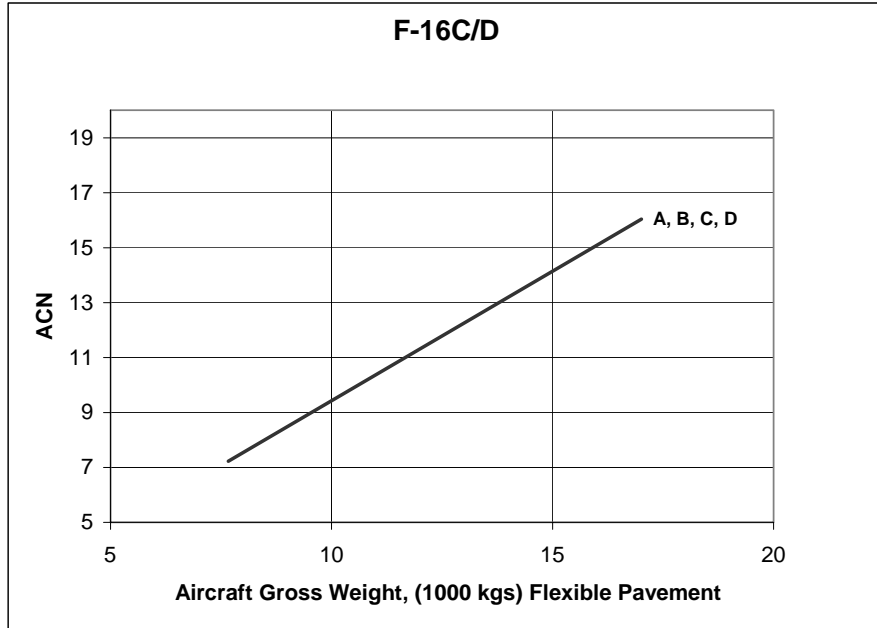
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.4 MIN	13.1	13.1	13.1	13.1
36.7 MAX	33.4	33.4	33.4	33.4



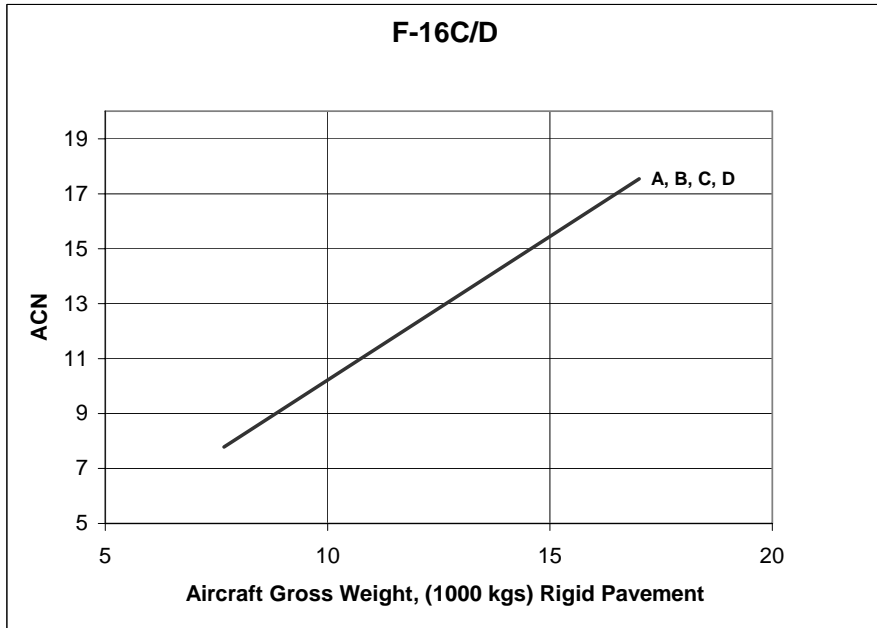
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.4 MIN	14.2	14.2	14.2	14.2
36.7 MAX	36.8	36.8	36.8	36.8

SOURCE: PCASE 2003

F-16C D



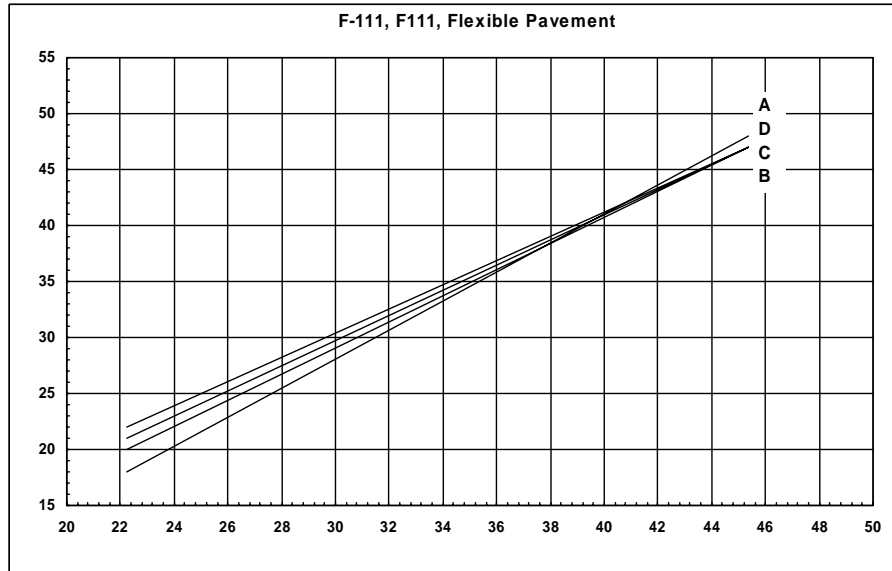
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.7 MIN	7.2	7.2	7.2	7.2
17 MAX	16.0	16.0	16.0	16.0



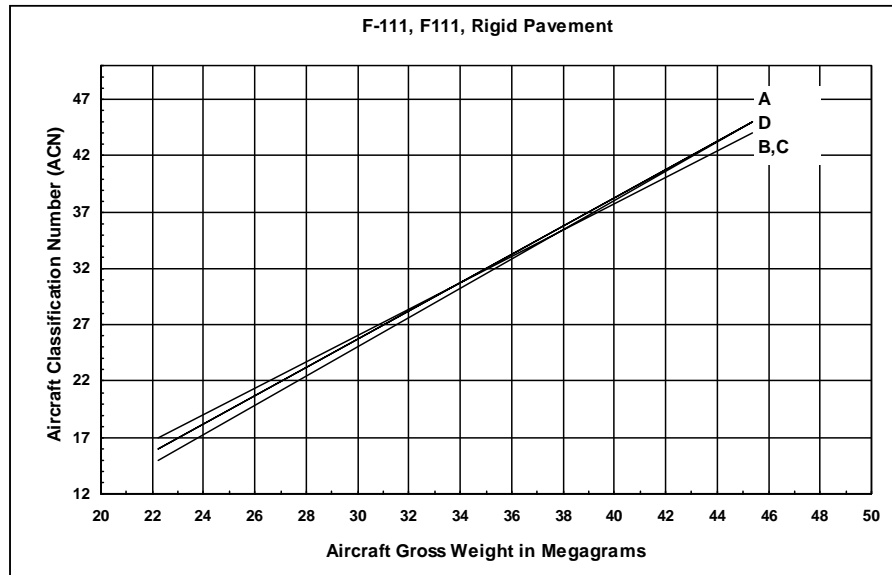
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.7 MIN	7.8	7.8	7.8	7.8
17 MAX	17.5	17.5	17.5	17.5

SOURCE: PCASE 2003

F-111, F111



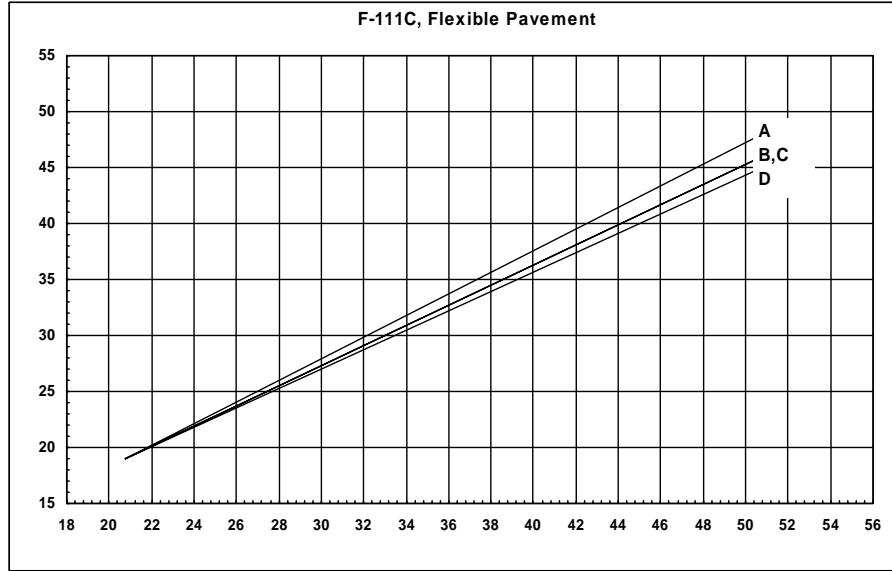
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
22.226	18	20	21	22
45.36	48	47	47	47



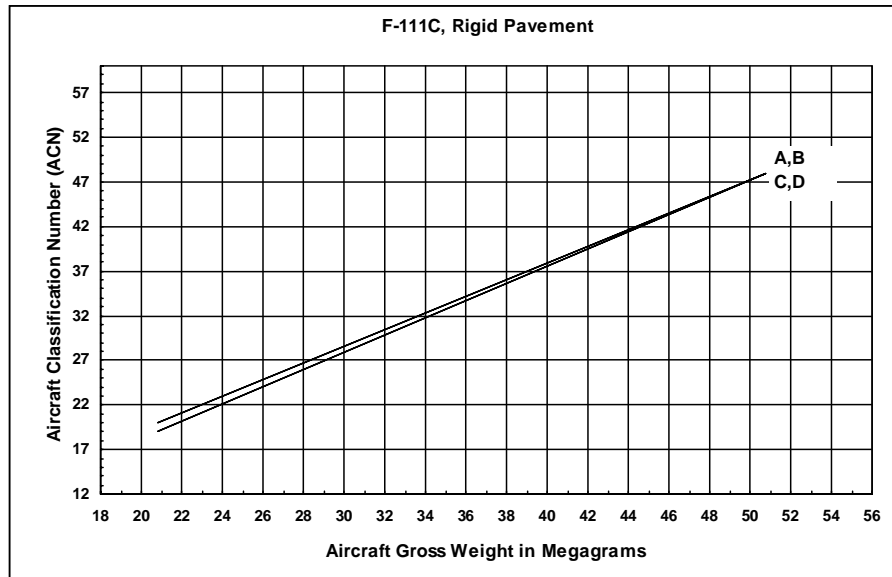
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
22.226	15	16	16	17
45.36	45	45	45	44

SOURCE: AFCEA 2002

F-111C



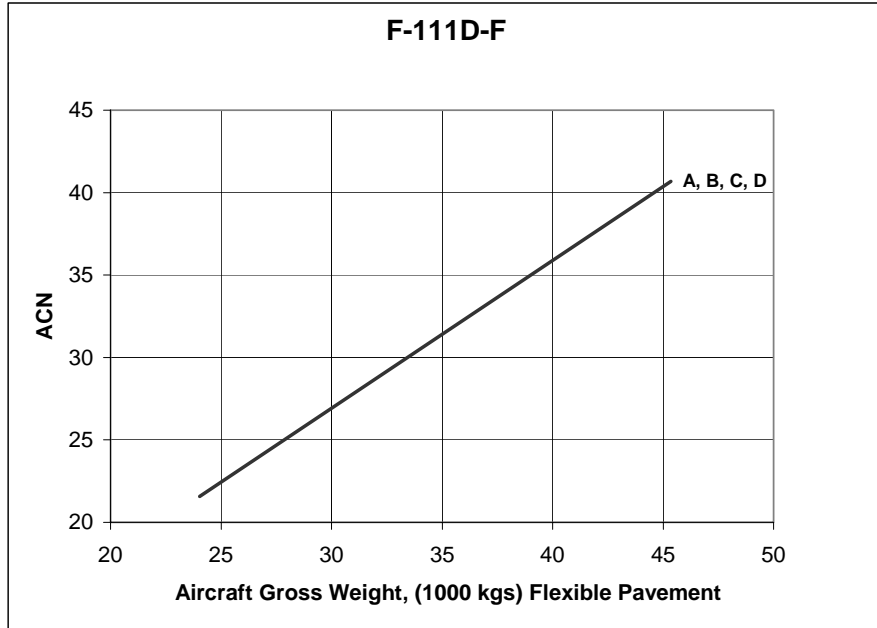
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
20.8	19	19	19	19
50.777	48	46	46	45



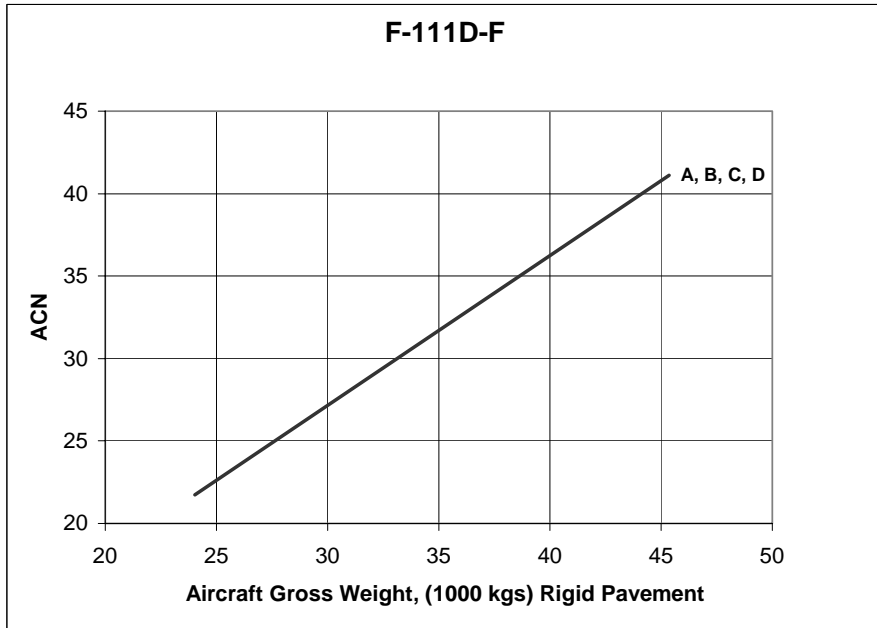
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
20.8	20	20	19	19
50.777	48	48	48	48

SOURCE: AFCEA 2002

F-111D-F



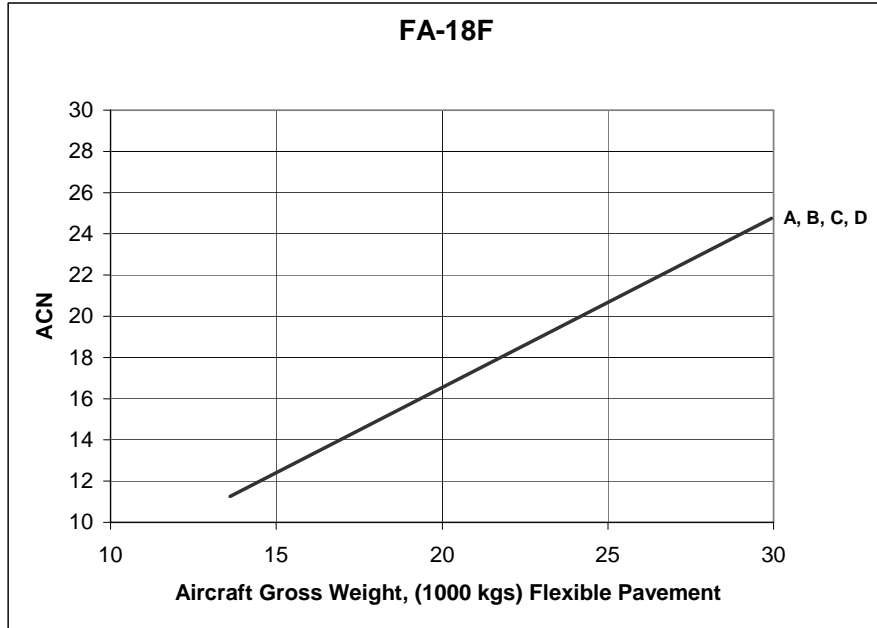
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
24 MIN	21.6	21.6	21.6	21.6
45.4 MAX	40.7	40.7	40.7	40.7



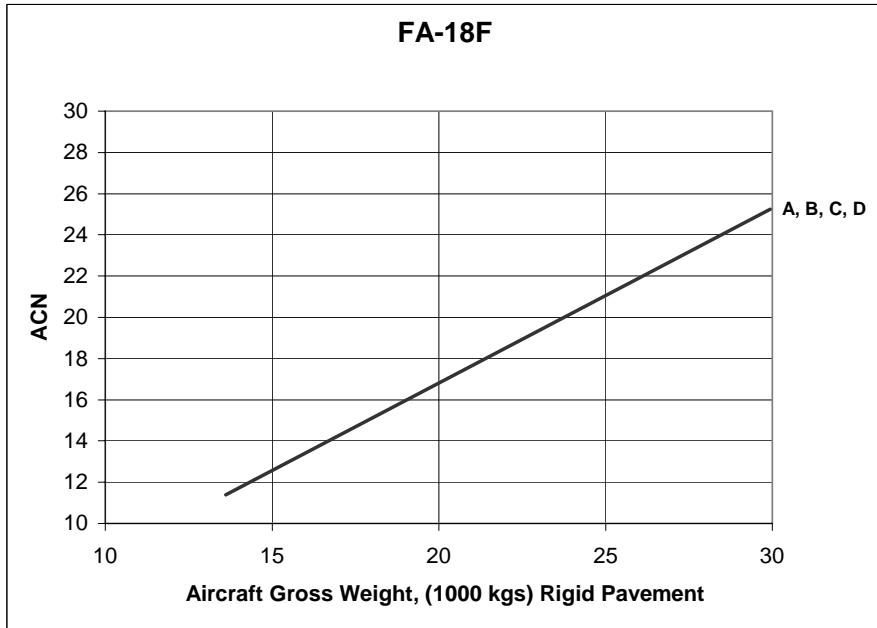
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
24 MIN	21.7	21.7	21.7	21.7
45.4 MAX	41.1	41.1	41.1	41.1

SOURCE: PCASE 2003

FA-18F



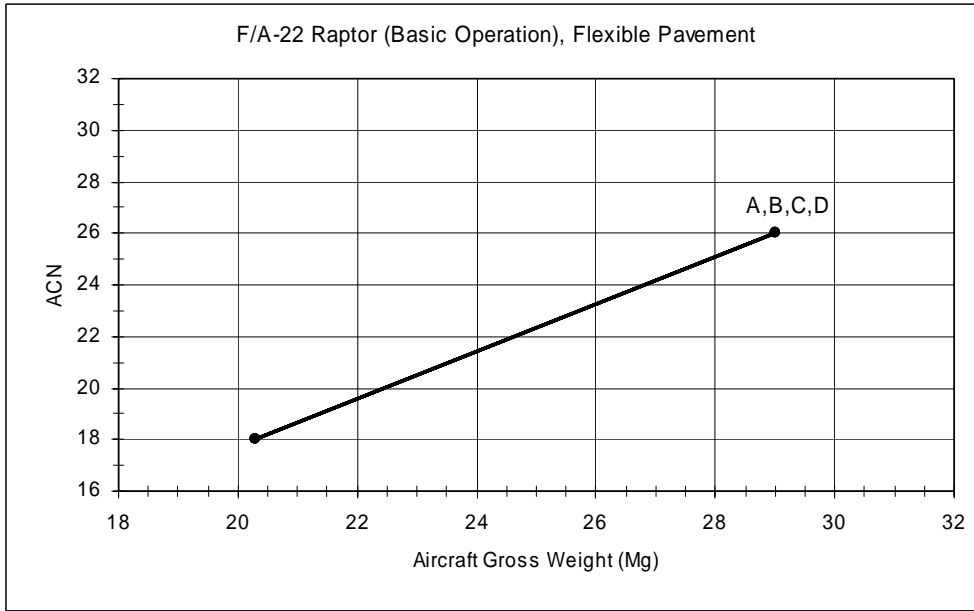
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
13.6 MIN	11.2	11.2	11.2	11.2
29.9 MAX	24.7	24.7	24.7	24.7



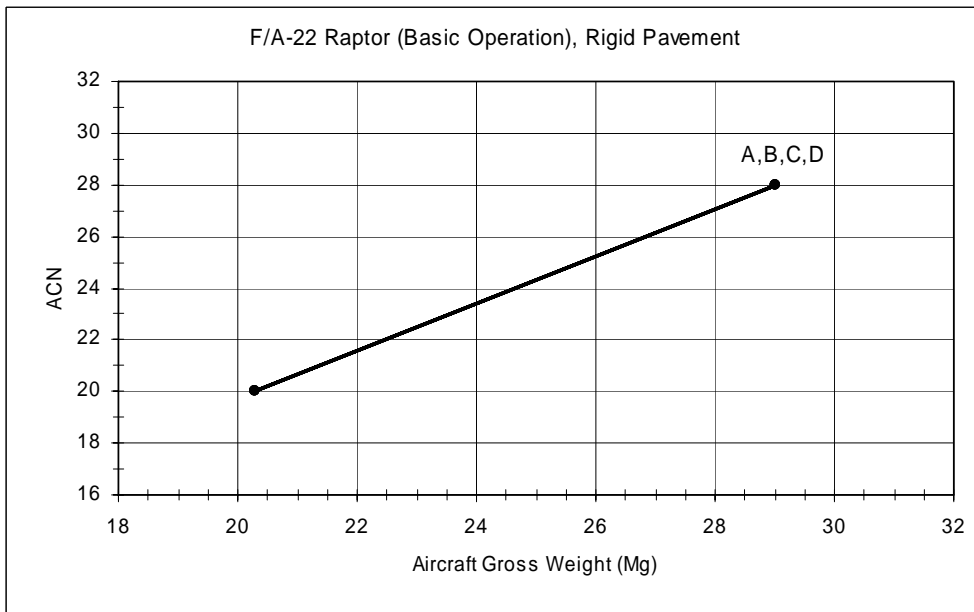
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
13.6 MIN	11.4	11.4	11.4	11.4
29.9 MAX	25.2	25.2	25.2	25.2

SOURCE: PCASE 2003

F/A-22, Raptor (Basic Mission)



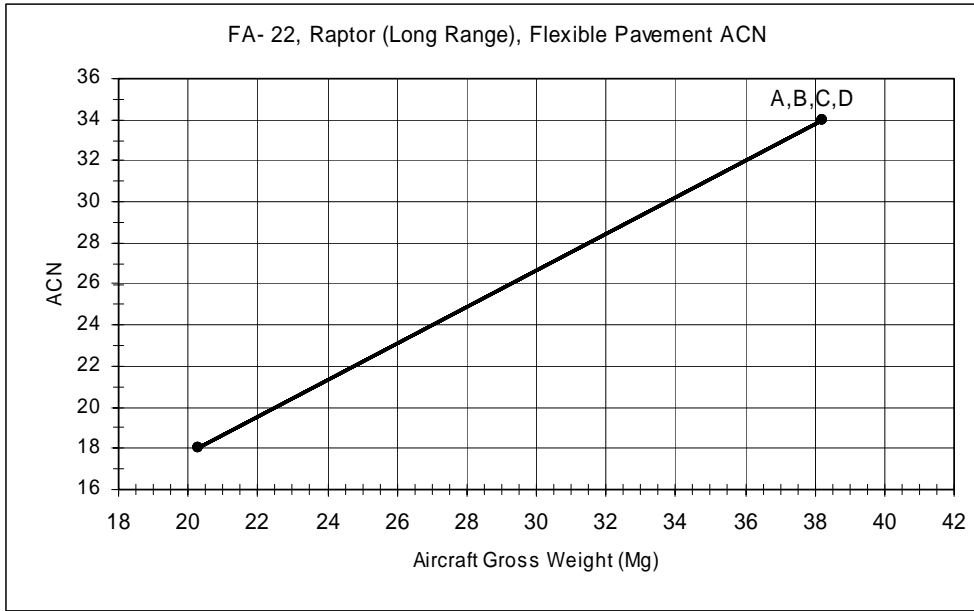
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
20.3	18	18	18	18
29.0	26	26	26	26



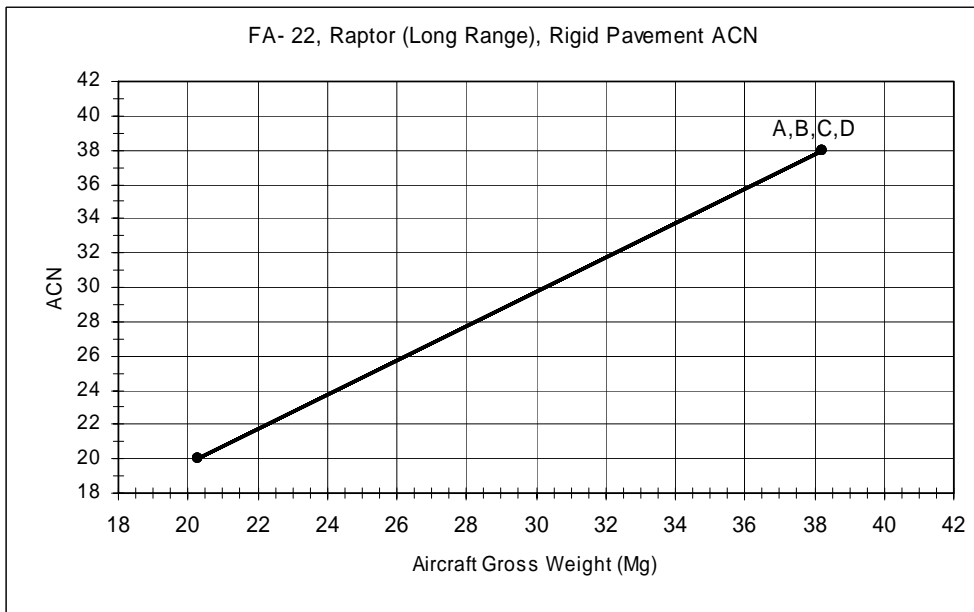
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
20.3	20	20	20	20
29.0	28	28	28	28

SOURCE: USA 4/13/2005

F/A-22 Raptor (Long Mission)



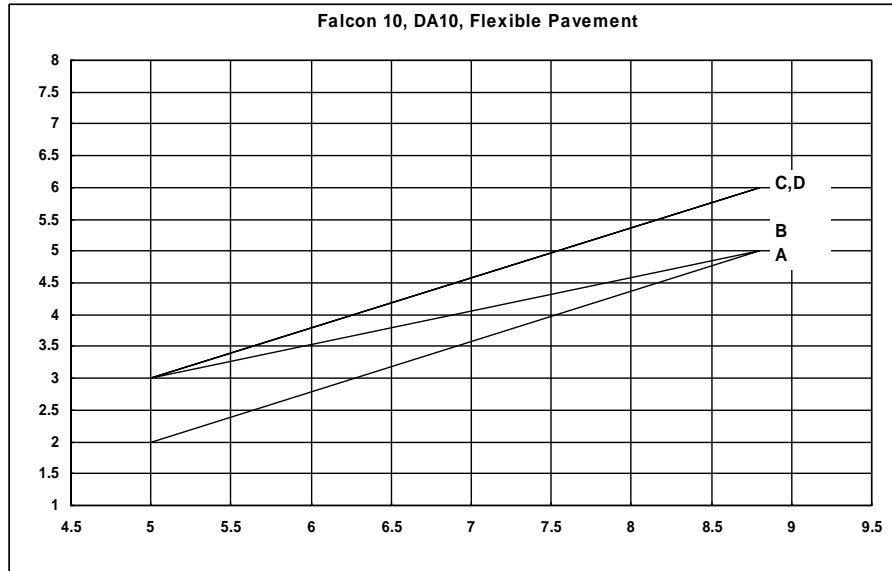
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
20.3	18	18	18	18
38.2	34	34	34	34



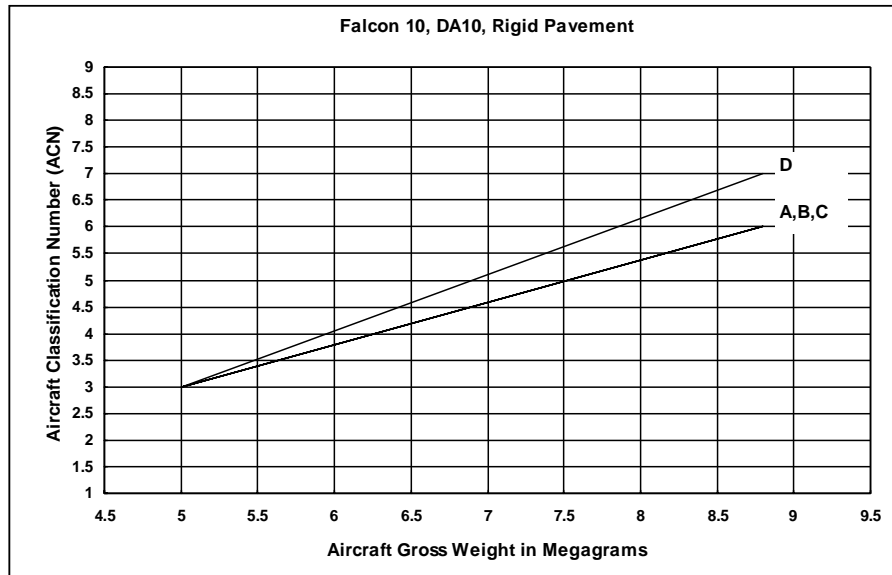
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
20.3	20	20	20	20
28.2	38	38	38	38

SOURCE: USA 4/13/2005

FALCON 10, DA10



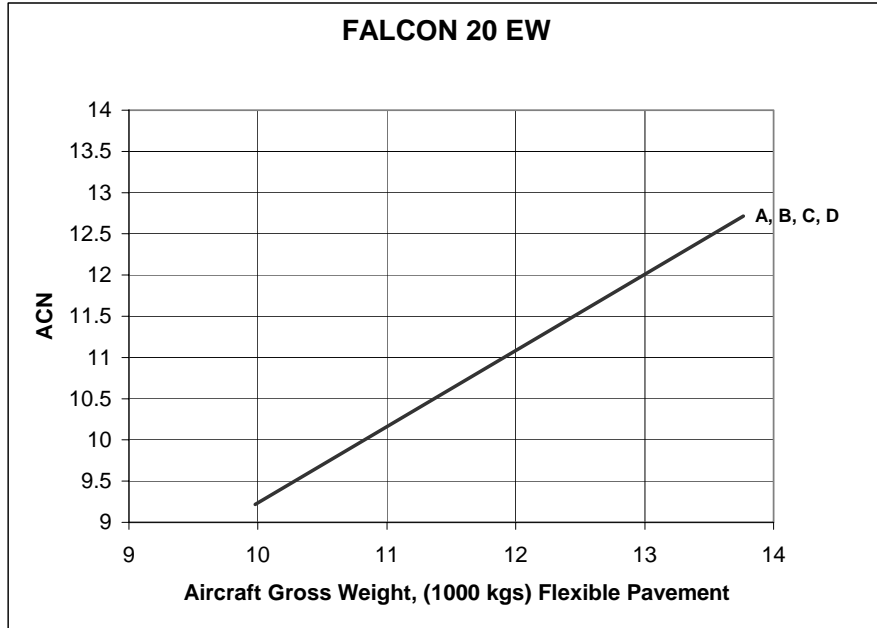
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5	2	3	3	3
8.8	5	5	6	6



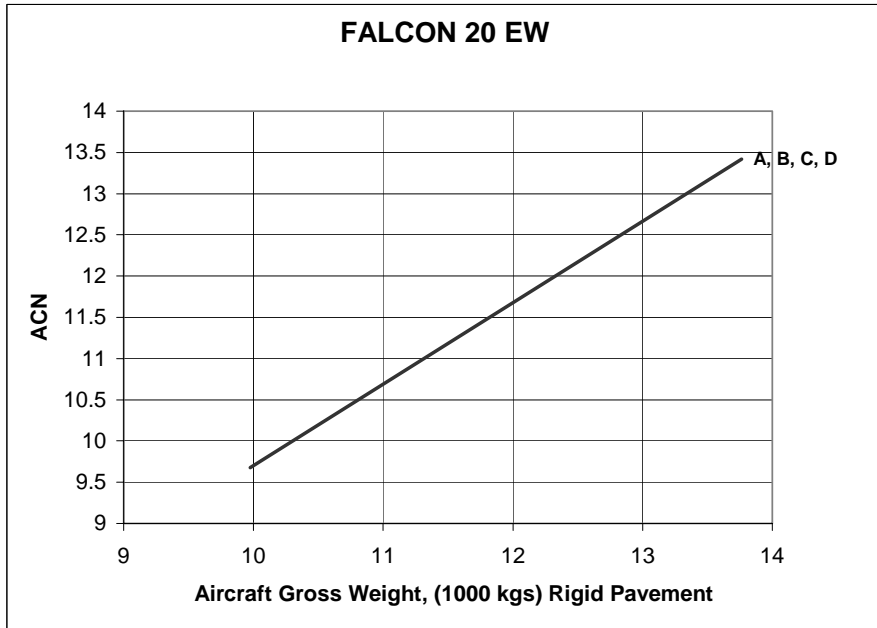
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5	3	3	3	3
8.8	6	6	6	7

SOURCE: AFCESA 2002

FALCON 20 EW



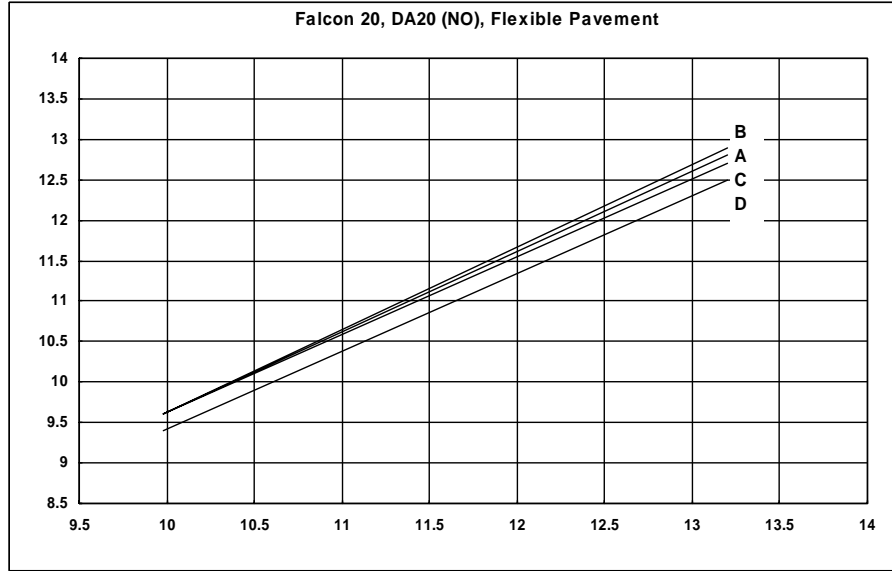
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10 MIN	9.2	9.2	9.2	9.2
13.8 MAX	12.7	12.7	12.7	12.7



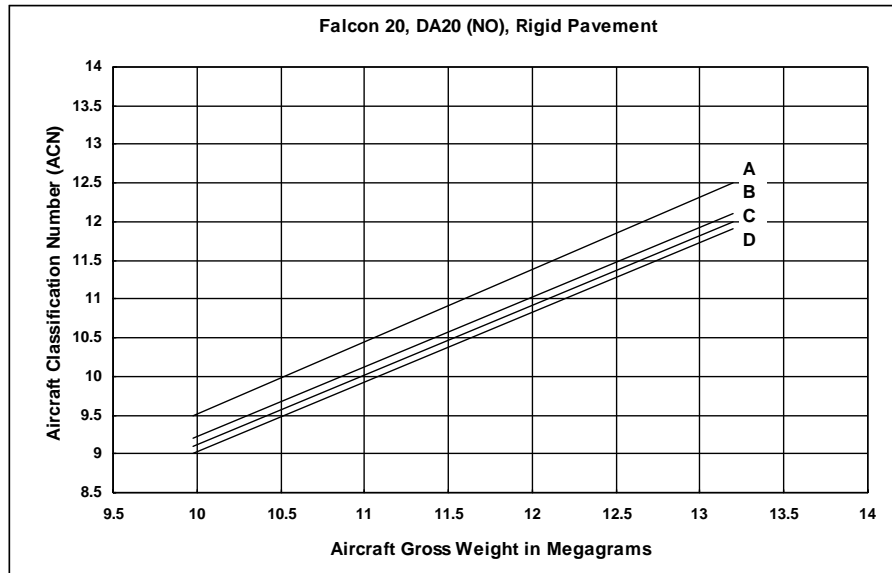
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10 MIN	9.7	9.7	9.7	9.7
13.8 MAX	13.4	13.4	13.4	13.4

SOURCE: PCASE 2003

FALCON 20, DA20



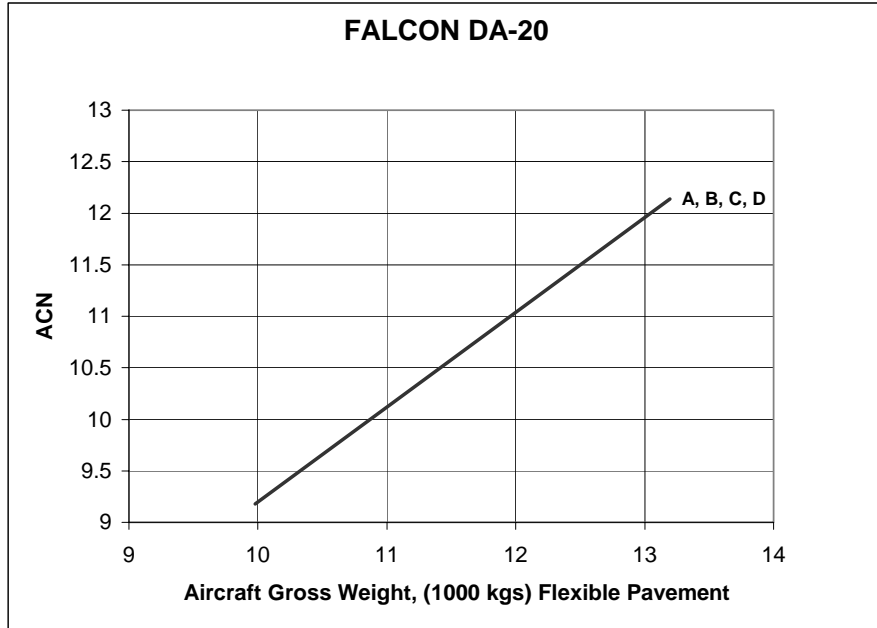
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.979	9.6	9.6	9.6	9.4
13.2	12.8	12.9	12.7	12.5



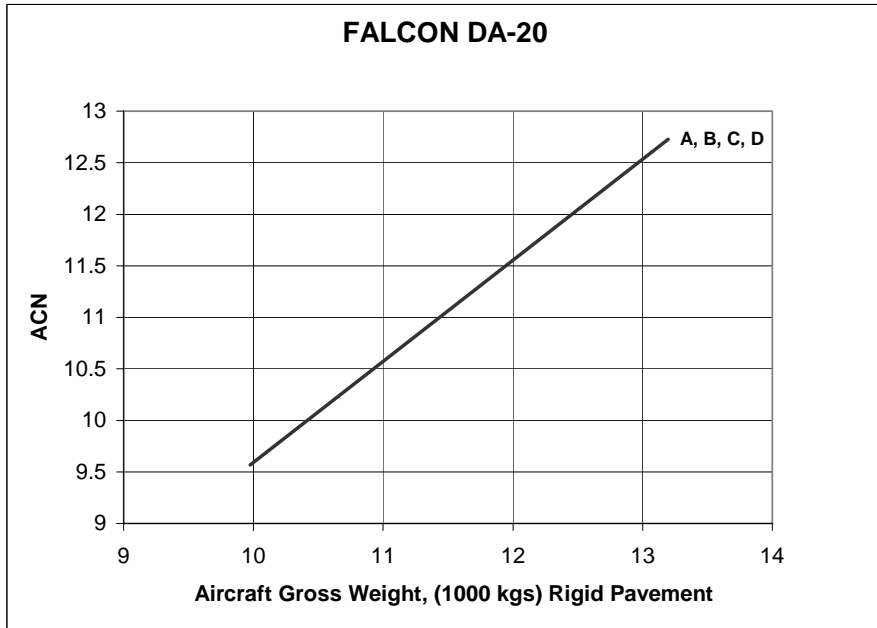
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.979	9.5	9.2	9.1	9
13.2	12.5	12.1	12	11.9

SOURCE: AFCESA 2002

FALCON DA-20



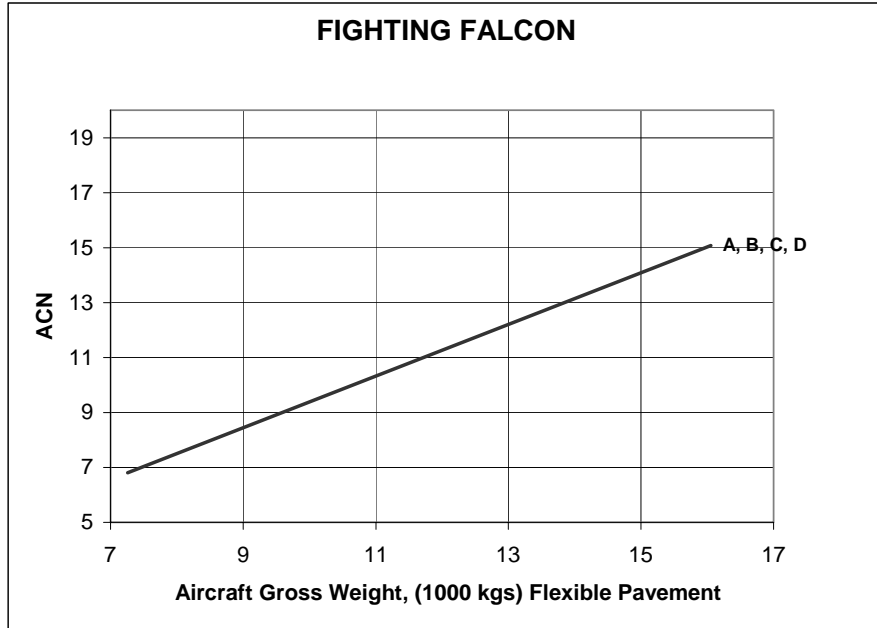
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10 MIN	9.2	9.2	9.2	9.2
13.2 MAX	12.1	12.1	12.1	12.1



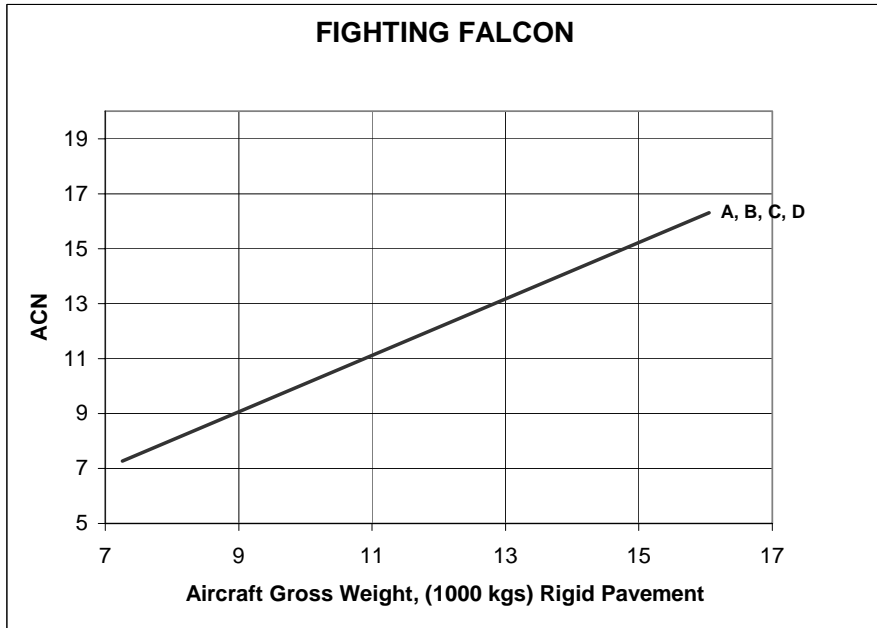
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10 MIN	9.6	9.6	9.6	9.6
13.2 MAX	12.7	12.7	12.7	12.7

SOURCE: PCASE 2003

FIGHTING FALCON



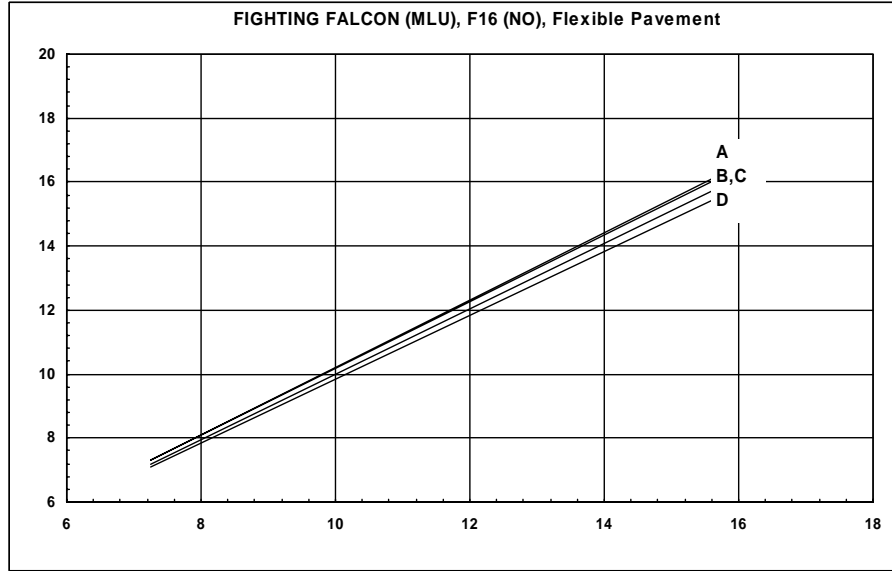
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.3 MIN	6.8	6.8	6.8	6.8
16.1 MAX	15.1	15.1	15.1	15.1



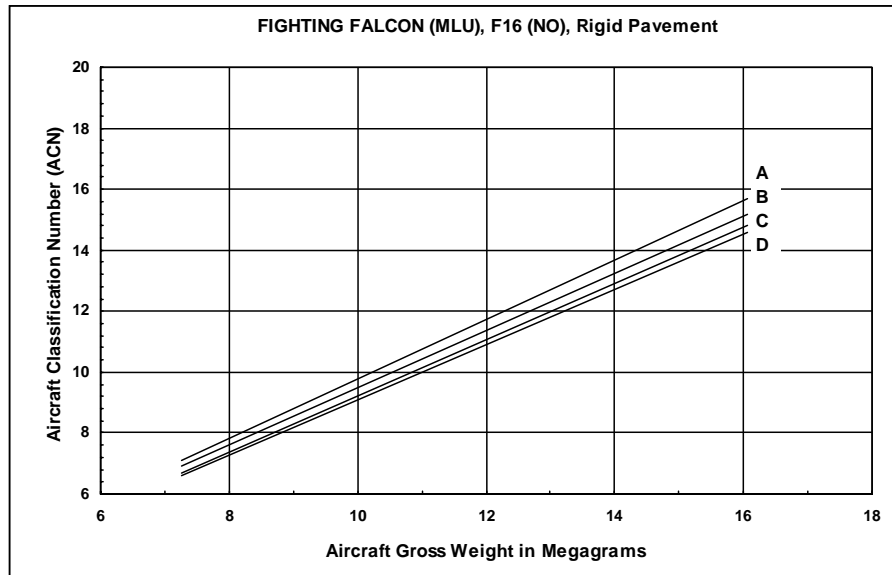
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.3 MIN	7.3	7.3	7.3	7.3
16.1 MAX	16.3	16.3	16.3	16.3

SOURCE: PCASE 2003

FIGHTING FALCON (MLU), F16



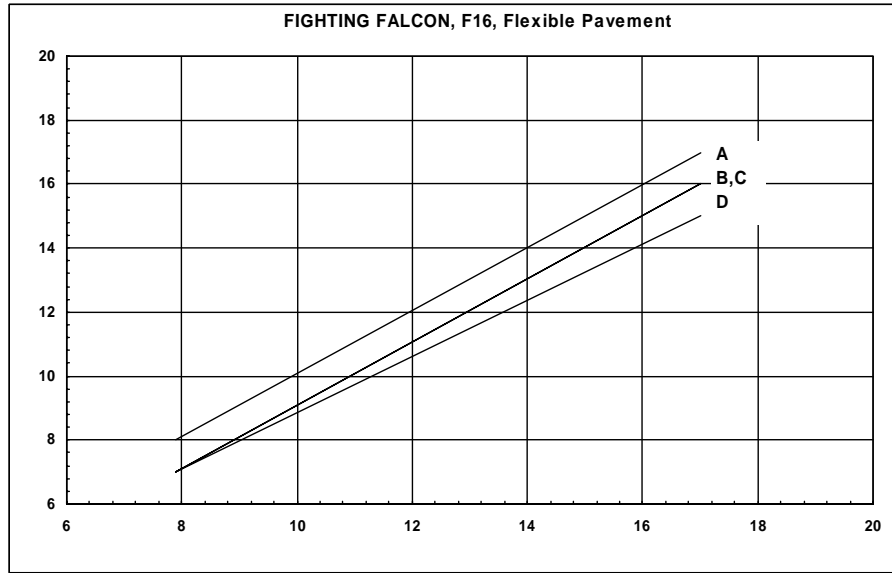
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.258	7.3	7.3	7.2	7.1
16.057	16.6	16.5	16.2	15.9



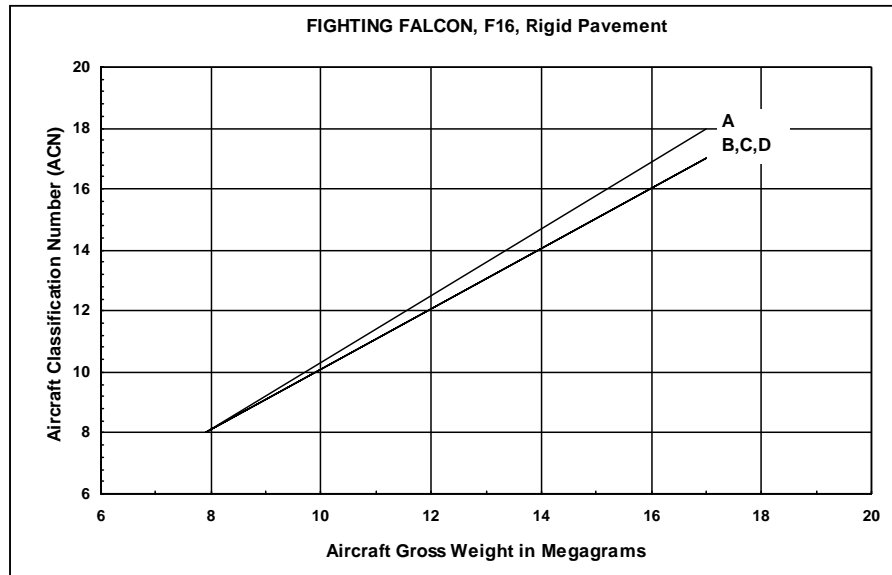
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.258	7.1	6.9	6.7	6.6
16.057	15.7	15.2	14.8	14.6

SOURCE: AFCEA 2002

FIGHTING FALCON, F16



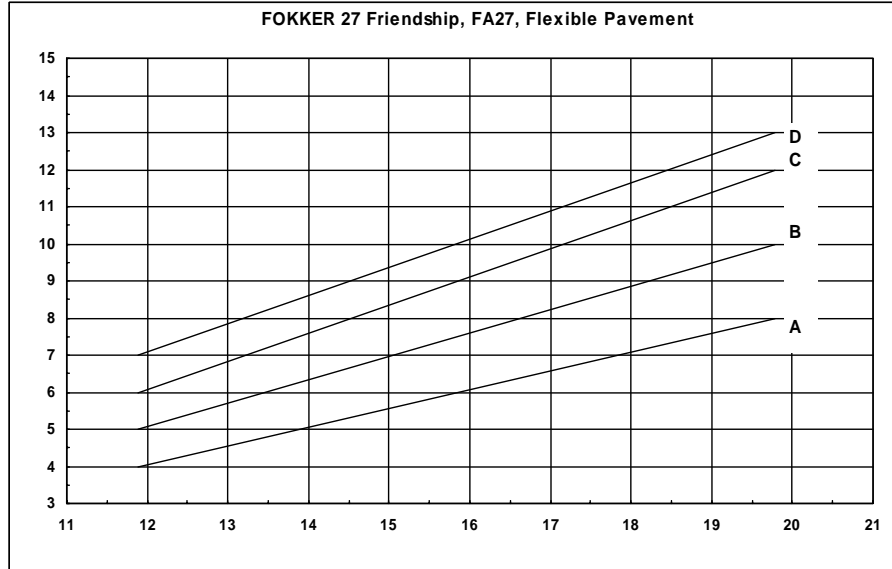
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.893	8	7	7	7
17.01	17	16	16	15



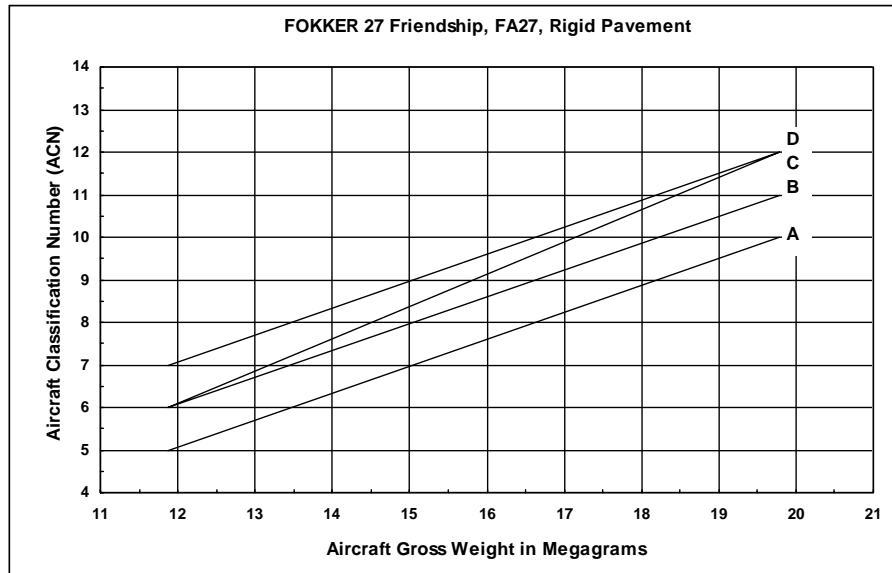
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.893	8	8	8	8
17.01	18	17	17	17

SOURCE: AFCESA 2002

FOKKER 27 Friendship, FA27



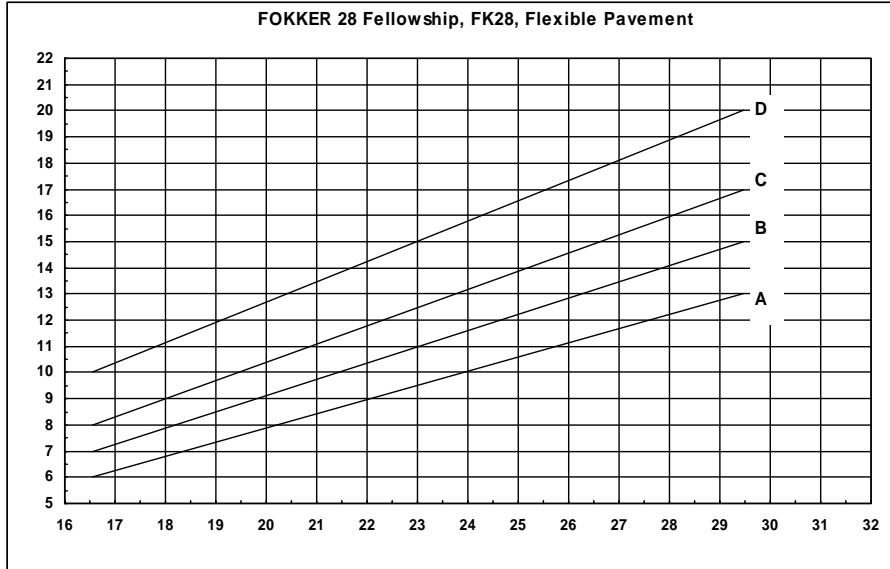
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
11.879	4	5	6	7
19.777	8	10	12	13



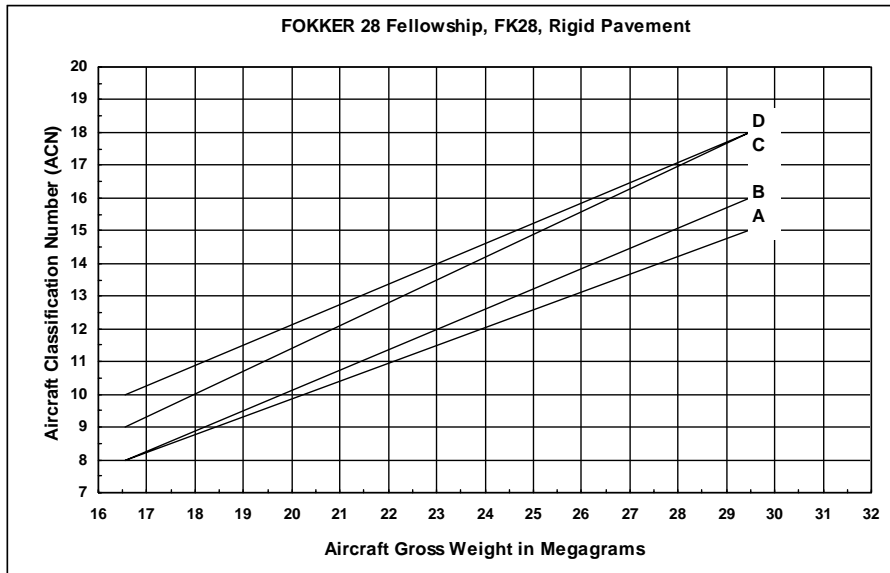
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
11.879	5	6	6	7
19.777	10	11	12	12

SOURCE: AFCESA 2002

FOKKER 28 Fellowship, FK28



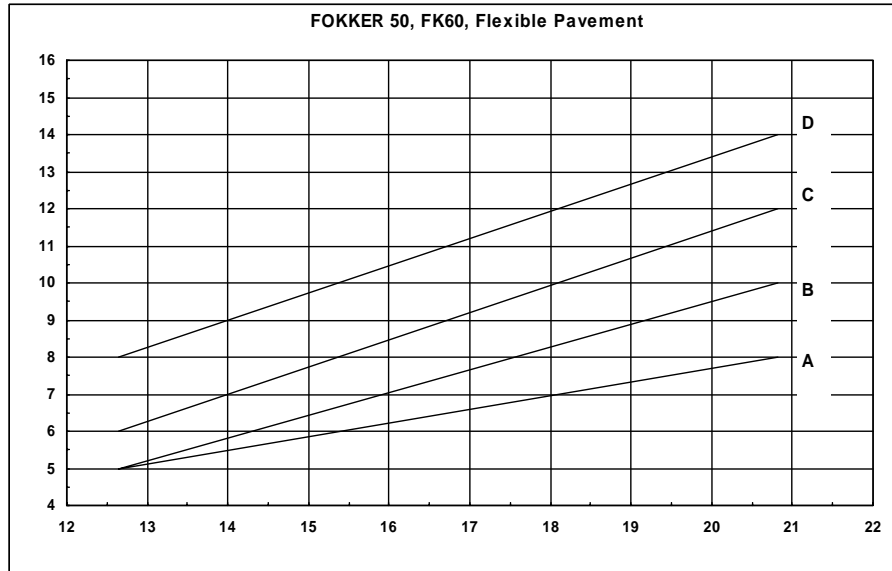
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
16.55	6	7	8	10
29.484	13	15	17	20



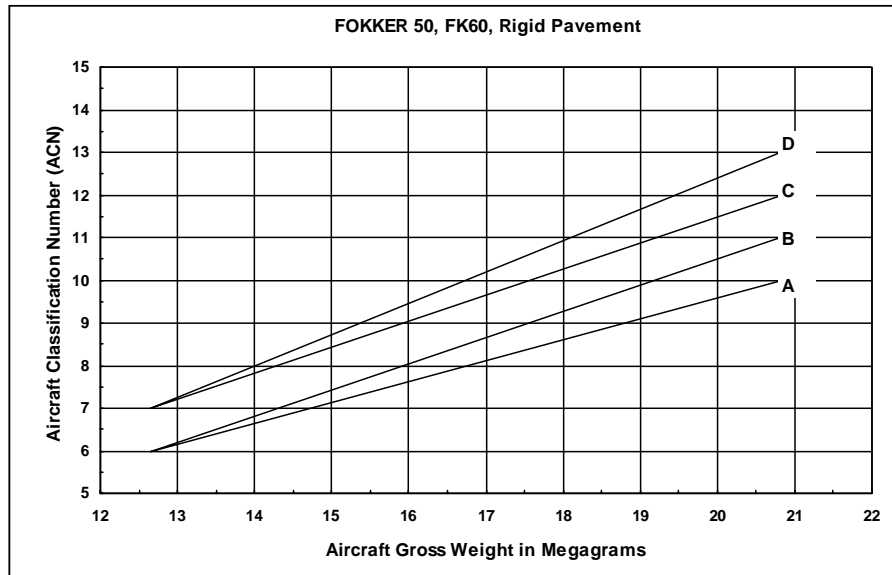
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
16.55	8	8	9	10
29.484	15	16	18	18

SOURCE: AFCESA 2002

FOKKER 50, FK60



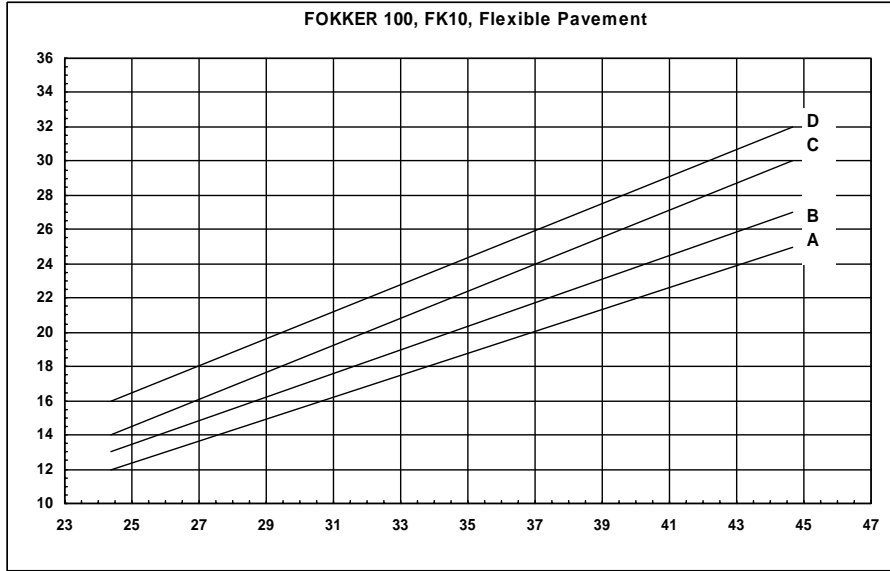
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.649	5	5	6	8
20.82	8	10	12	14



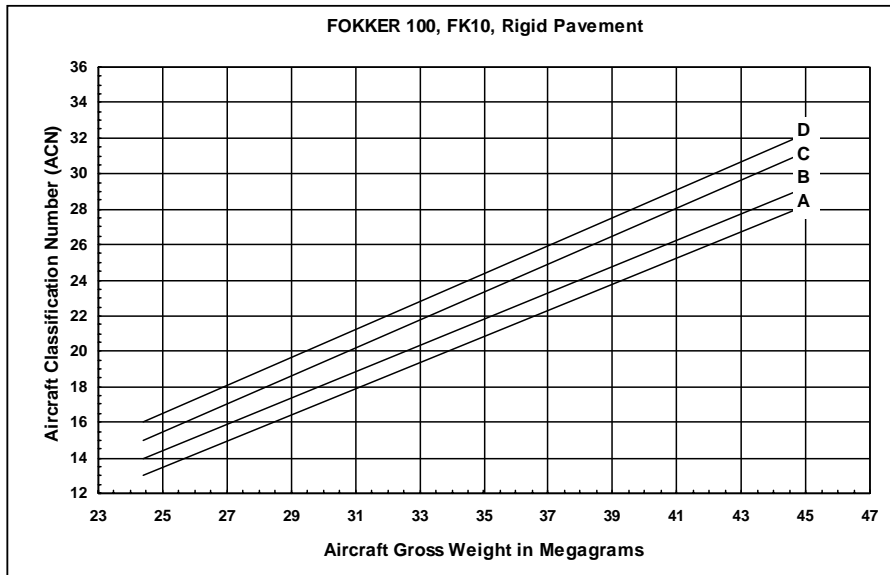
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.649	6	6	7	7
20.82	10	11	12	13

SOURCE: AFCESA 2002

FOKKER 100, FK10



	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
24.375	12	13	14	16
44.68	25	27	30	32



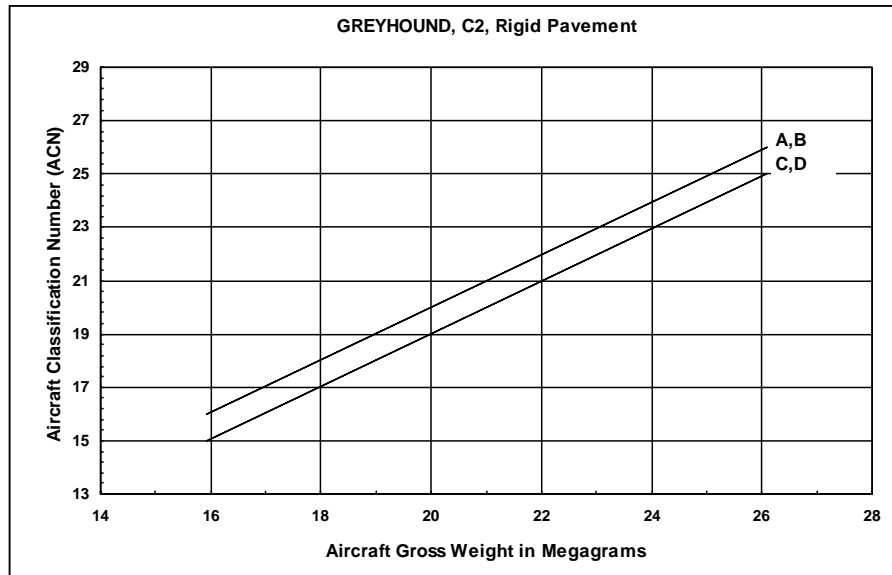
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
24.375	13	14	15	16
44.68	28	29	31	32

SOURCE: AFCESA 2002

GREYHOUND, C2



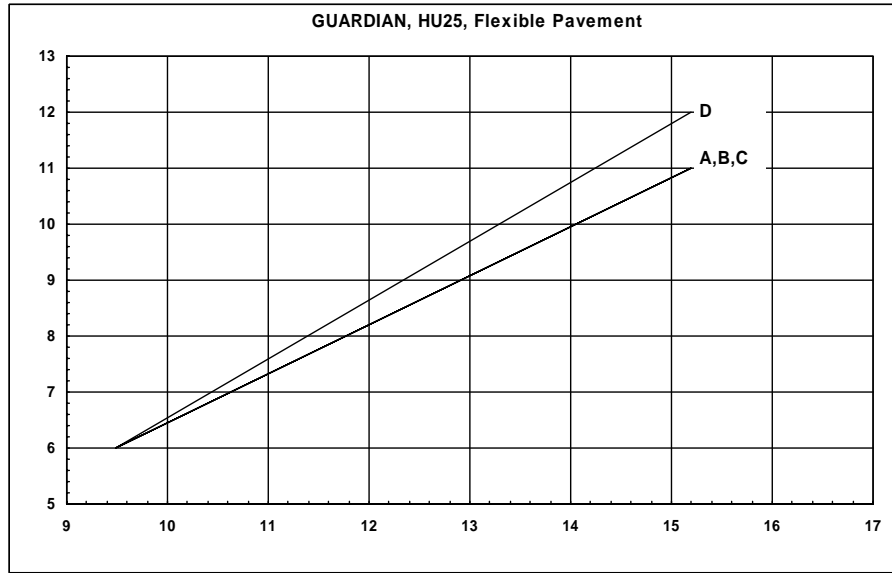
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
15.921	15	15	15	14
26.082	25	24	24	24



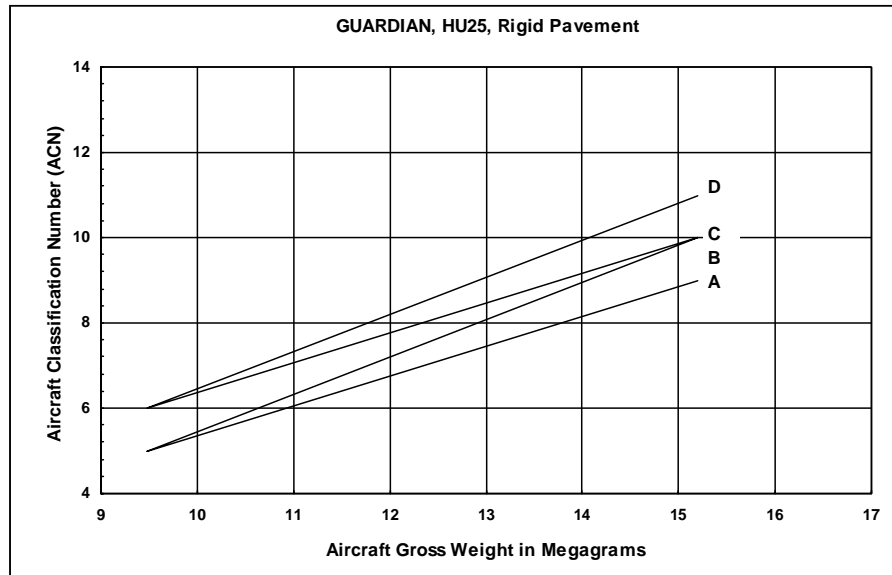
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
15.921	16	16	15	15
26.082	26	26	25	25

SOURCE: AFCESA 2002

GUARDIAN, HU25



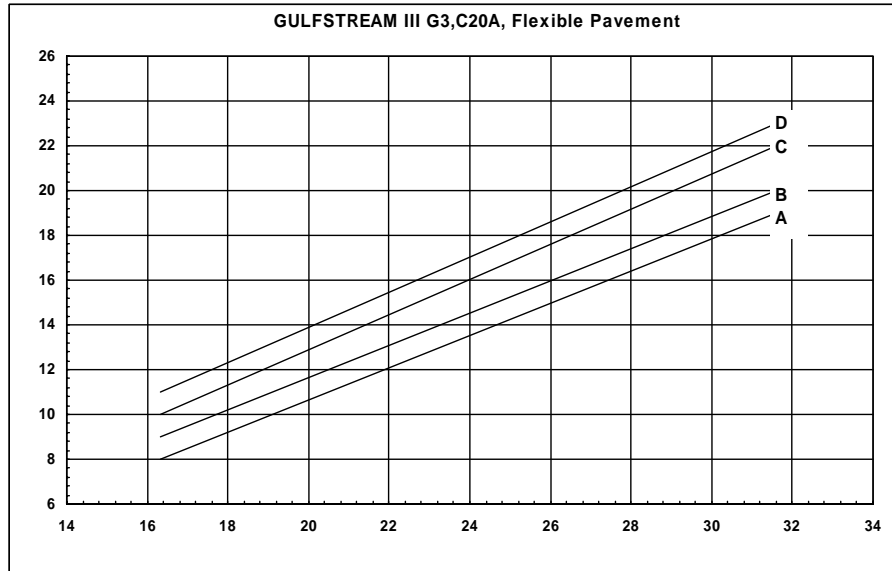
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.48	6	6	6	6
15.196	11	11	11	12



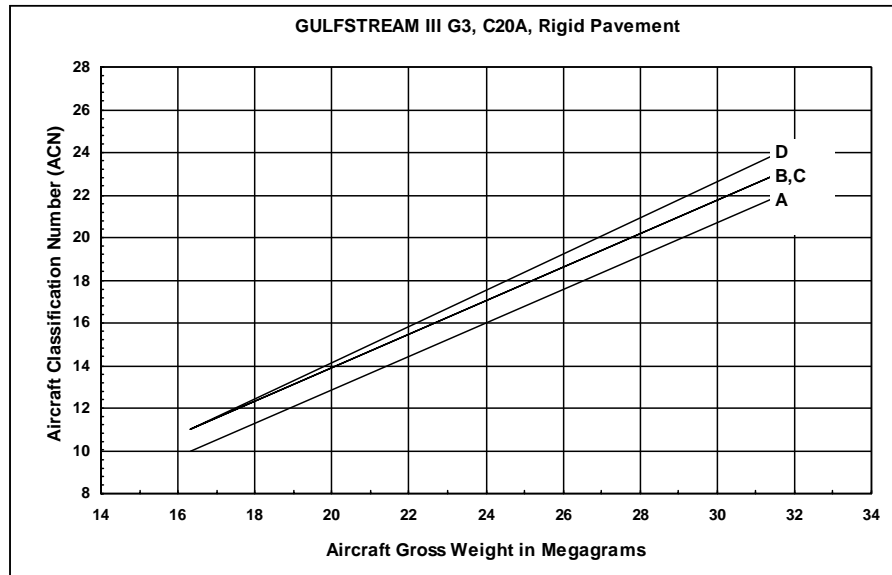
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.48	5	5	6	6
15.196	9	10	10	11

SOURCE: AFCEA 2002

GULFSTREAM III G3, C20A



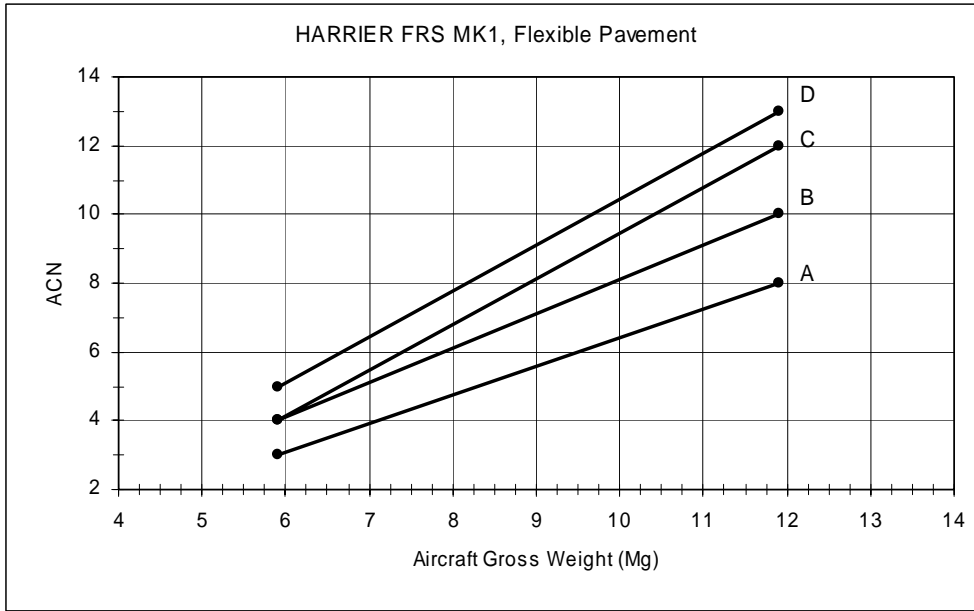
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
16.329	8	9	10	11
31.616	19	20	22	23



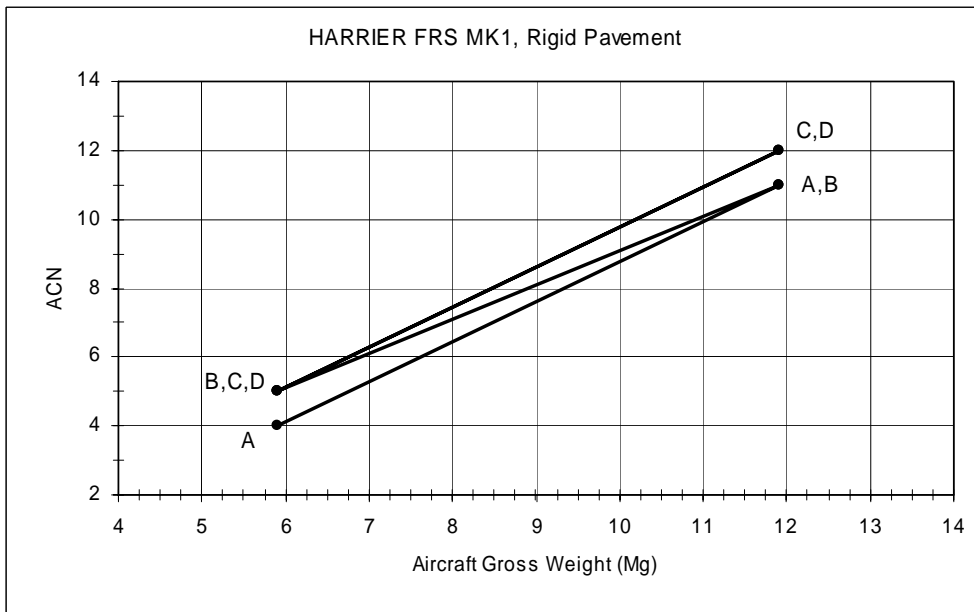
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
16.329	10	11	11	11
31.616	22	23	23	24

SOURCE: AFCESA 2002

HARRIER, FRS Mk 1



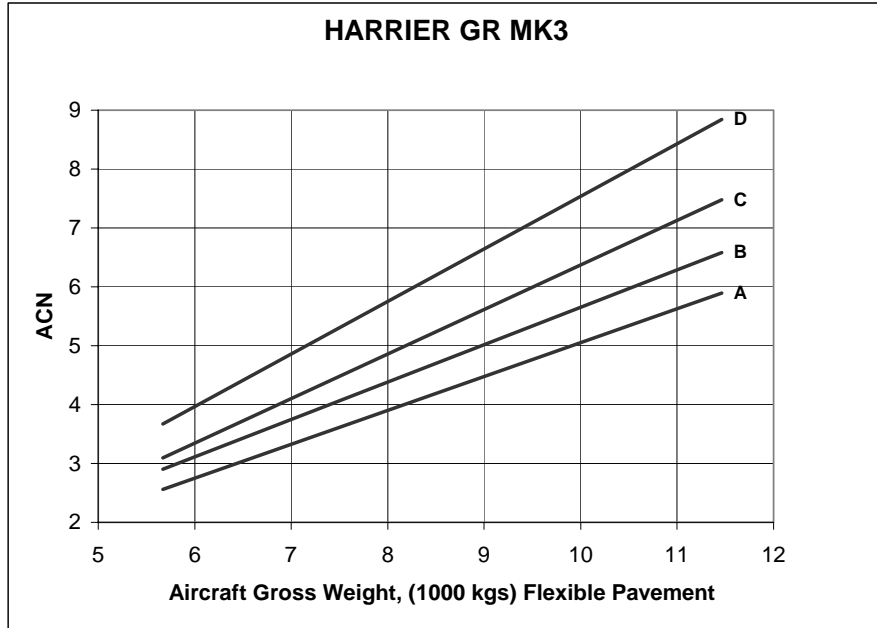
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.9	3	4	4	5
11.9	8	10	12	13



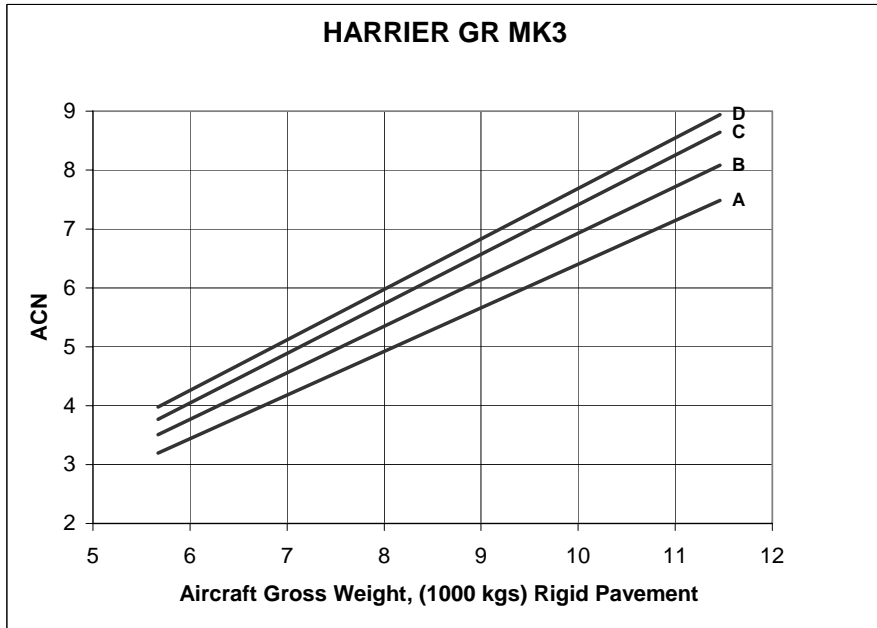
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.9	4	5	5	5
11.9	11	11	12	12

SOURCE: GBR 6/28/2005

HARRIER GR MK3



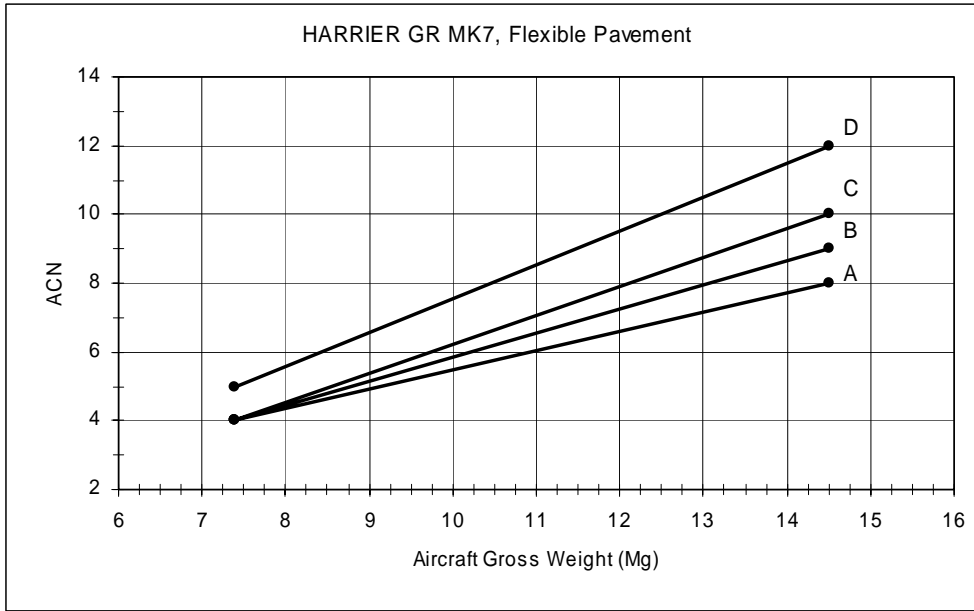
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.7 MIN	2.6	2.9	3.1	3.7
11.5 MAX	5.9	6.6	7.5	8.8



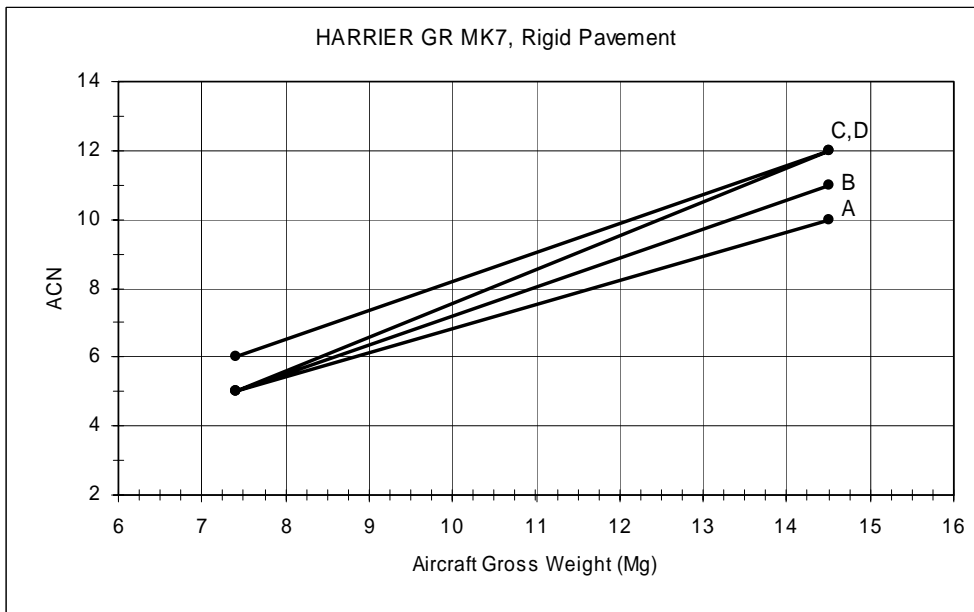
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.7 MIN	3.2	3.5	3.8	4.0
11.5 MAX	7.5	8.1	8.6	8.9

SOURCE: PCASE 2003

HARRIER, GR Mk 7



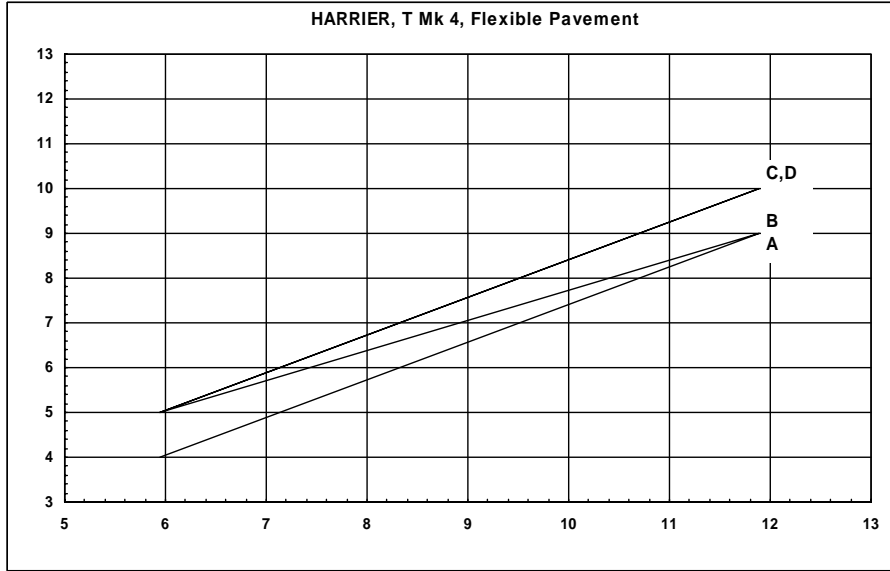
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (>120)	B (60-120)	C (25-60)	D (<25)
7.4	4	4	4	5
14.5	8	9	10	12



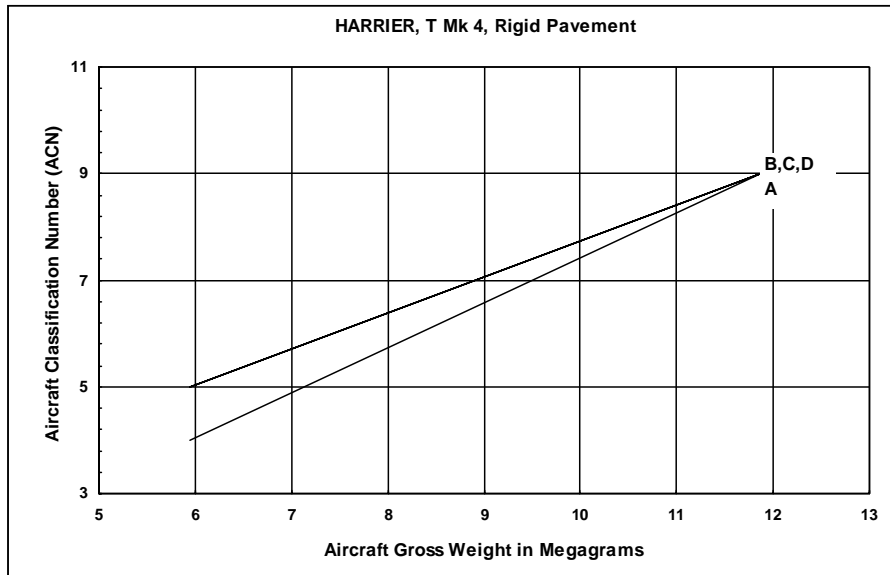
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.4	5	5	5	6
14.5	10	11	12	12

SOURCE: GBR 6/28/2005

HARRIER, T Mk 4



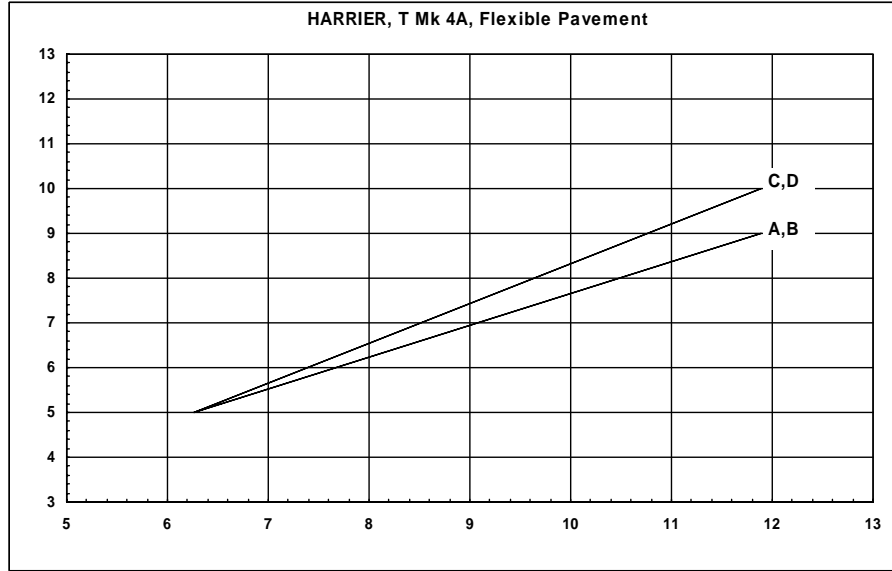
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.942	4	5	5	5
11.884	9	9	10	10



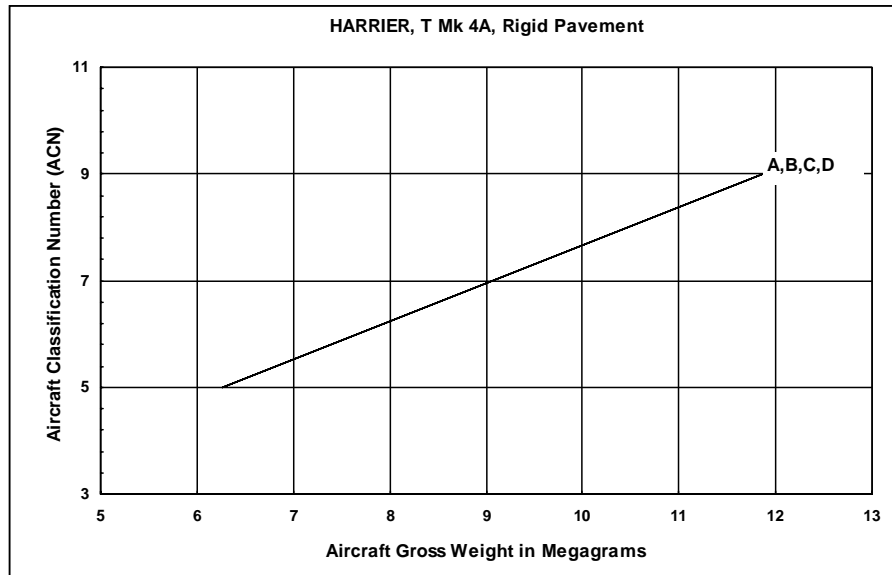
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.942	4	5	5	5
11.884	9	9	9	9

SOURCE: AFCESA 2002

HARRIER, T Mk 4A



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.26	5	5	5	5
11.884	9	9	10	10



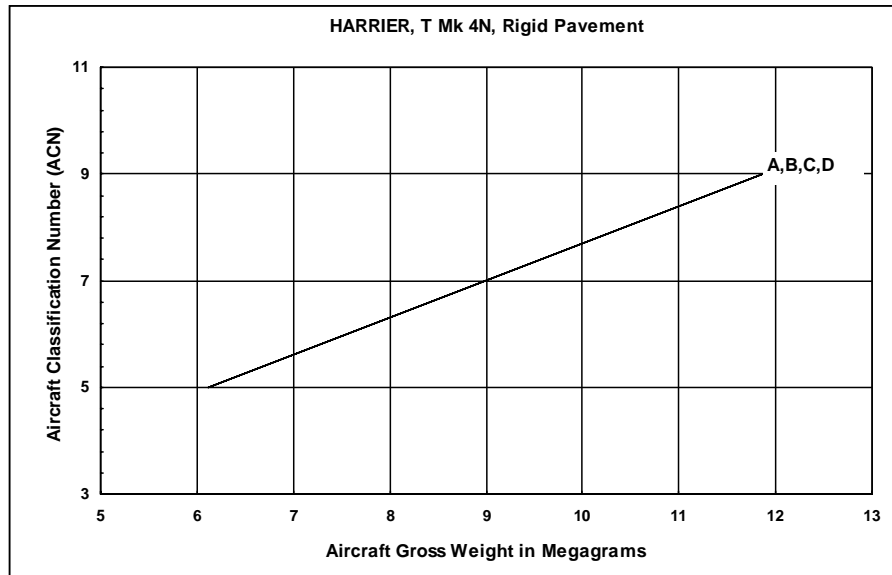
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.26	5	5	5	5
11.884	9	9	9	9

SOURCE: AFCESA 2002

HARRIER, T Mk 4N



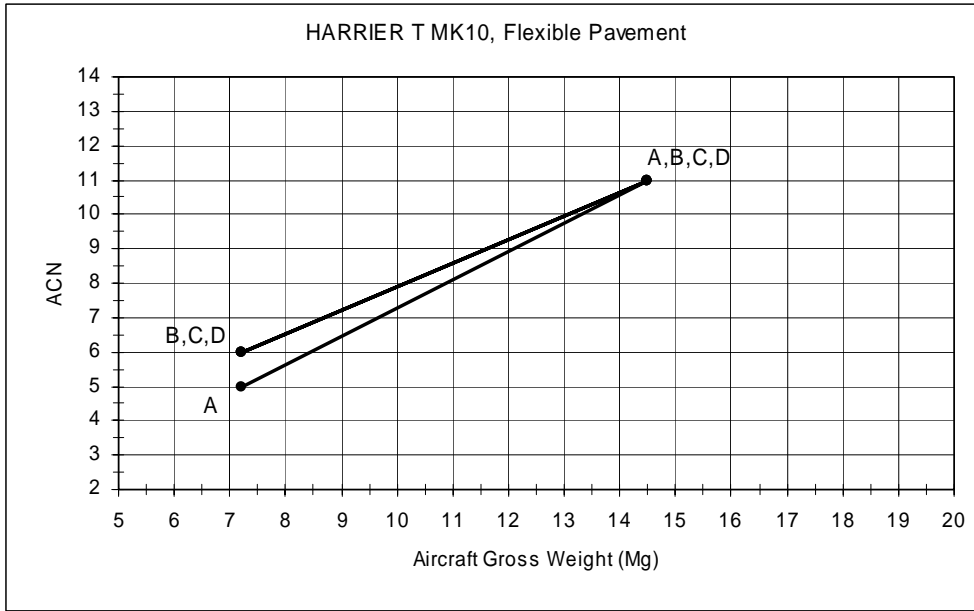
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.123	5	5	5	5
11.884	9	9	10	10



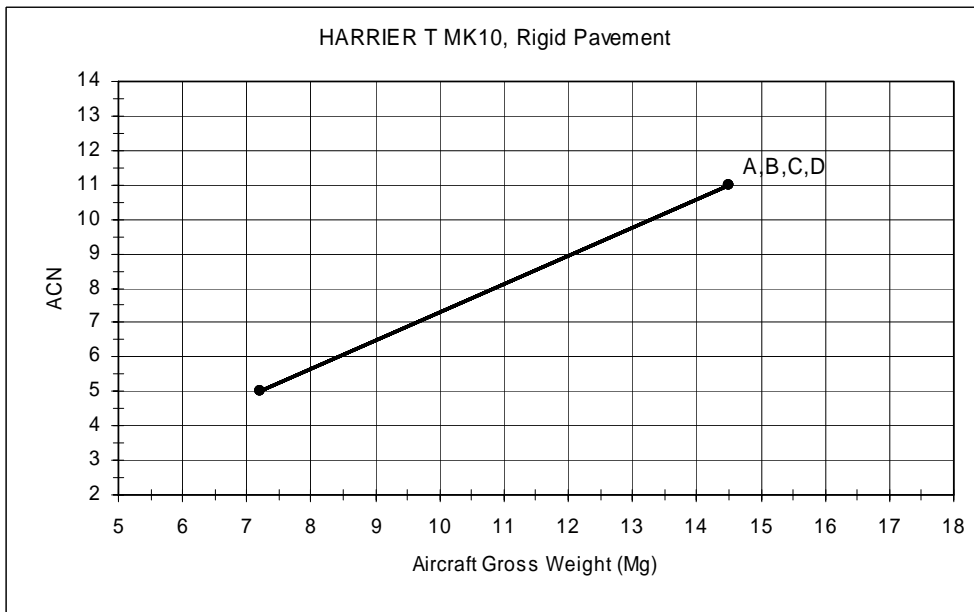
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.123	5	5	5	5
11.884	9	9	9	9

SOURCE: AFCESA 2002

HARRIER, T Mk 10



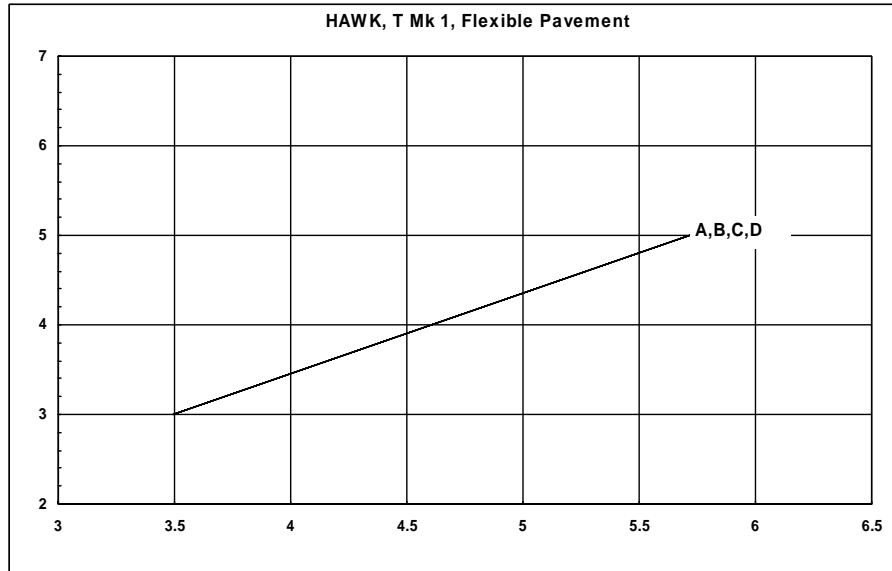
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.2	5	6	6	6
14.5	11	11	11	11



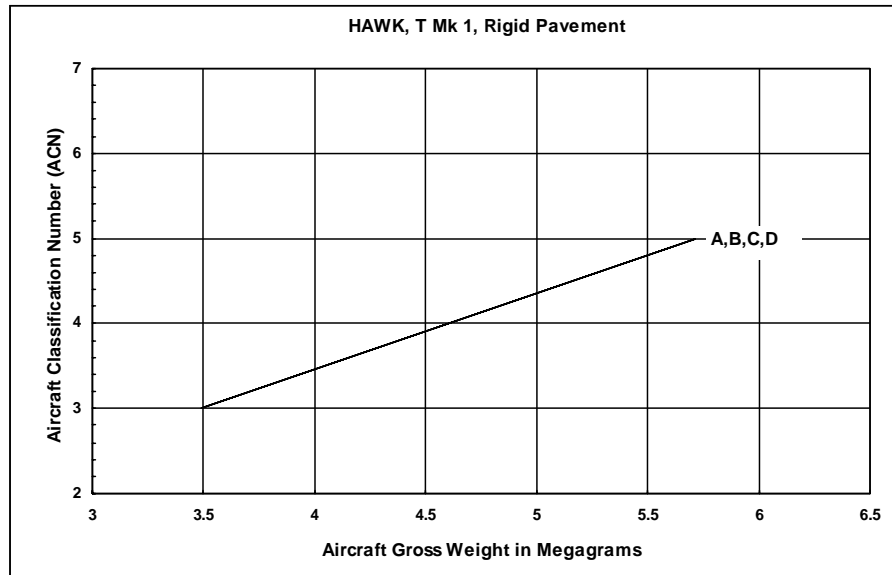
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.2	5	5	5	5
14.5	11	11	11	11

SOURCE: GBR 6/28/2005

HAWK, T Mk 1



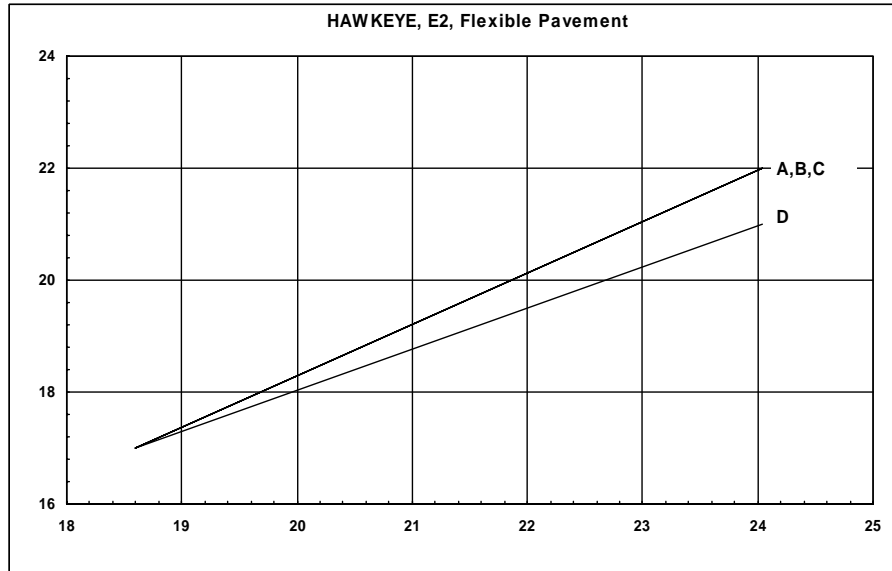
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.493	3	3	3	3
5.715	5	5	5	5



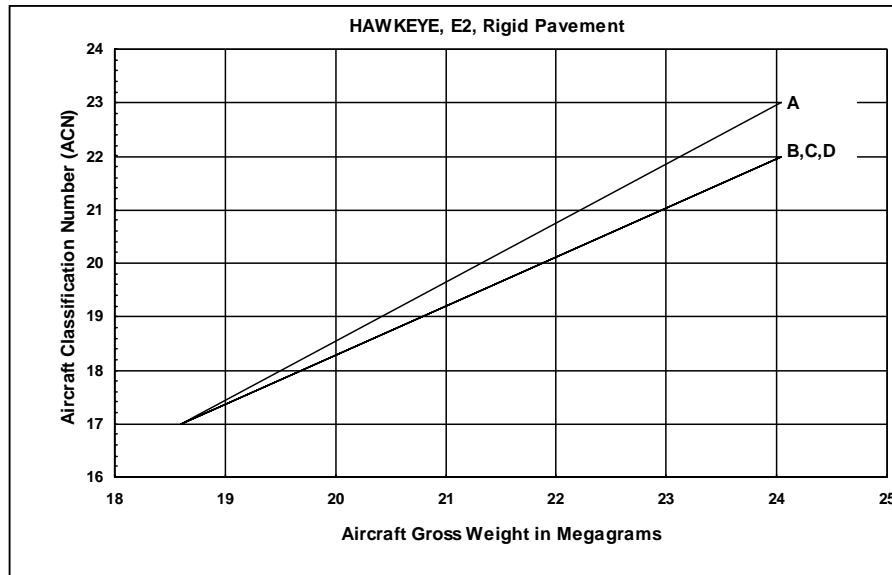
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.493	3	3	3	3
5.715	5	5	5	5

SOURCE: AFCESA 2002

HAWKEYE, E2



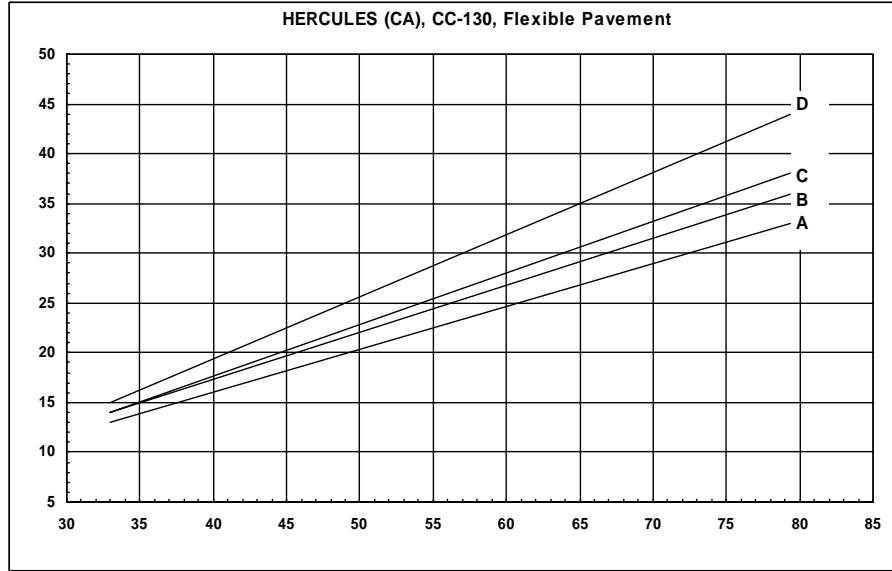
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
18.597	17	17	17	17
24.041	22	22	22	21



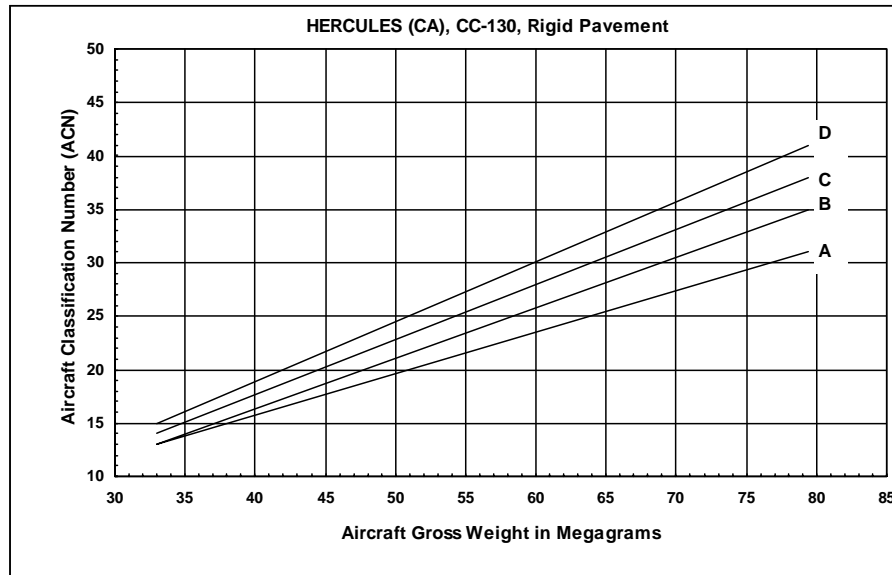
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
18.597	17	17	17	17
24.041	23	22	22	22

SOURCE: AFCESA 2002

HERCULES, CC-130



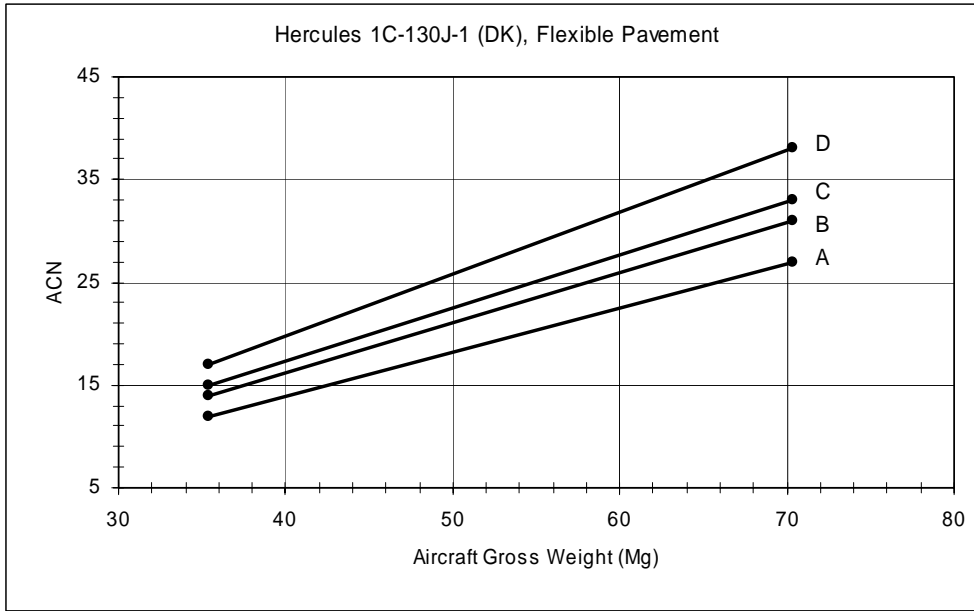
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
33	13	14	14	15
79.382	33	36	38	44



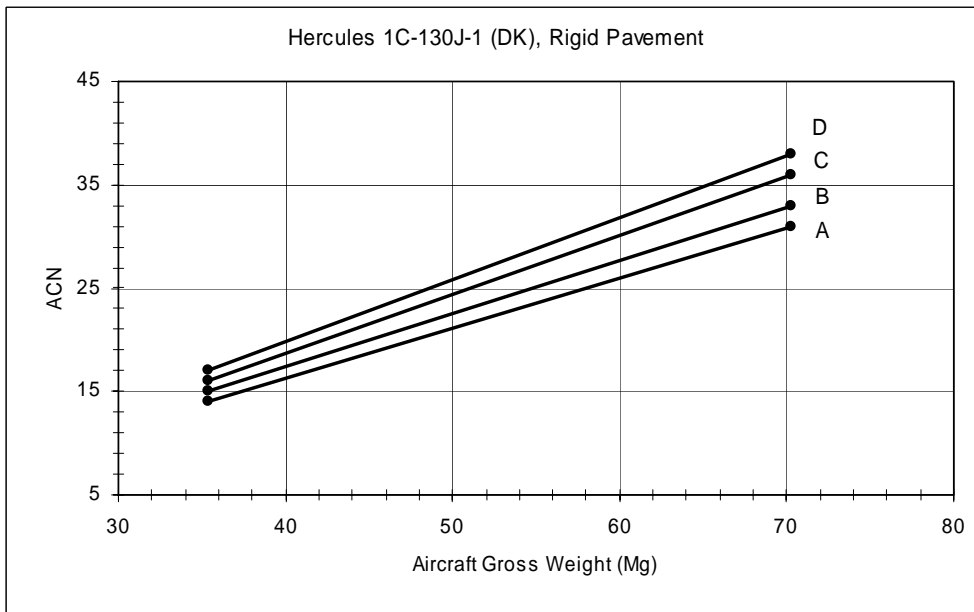
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
33	13	13	14	15
79.382	31	35	38	41

SOURCE: AFCESA 2002

HERCULES, 1C-130J-1



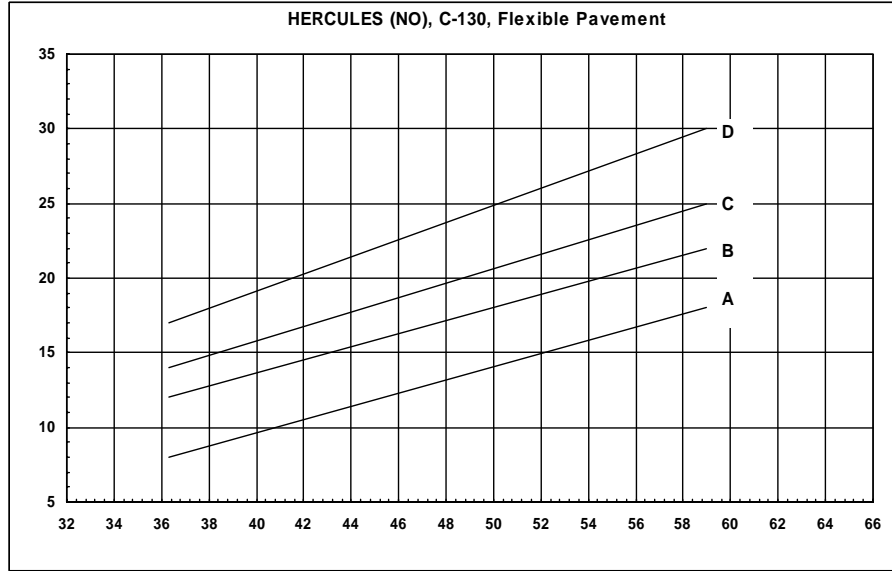
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
35.4	12	14	15	17
70.3	27	31	33	38



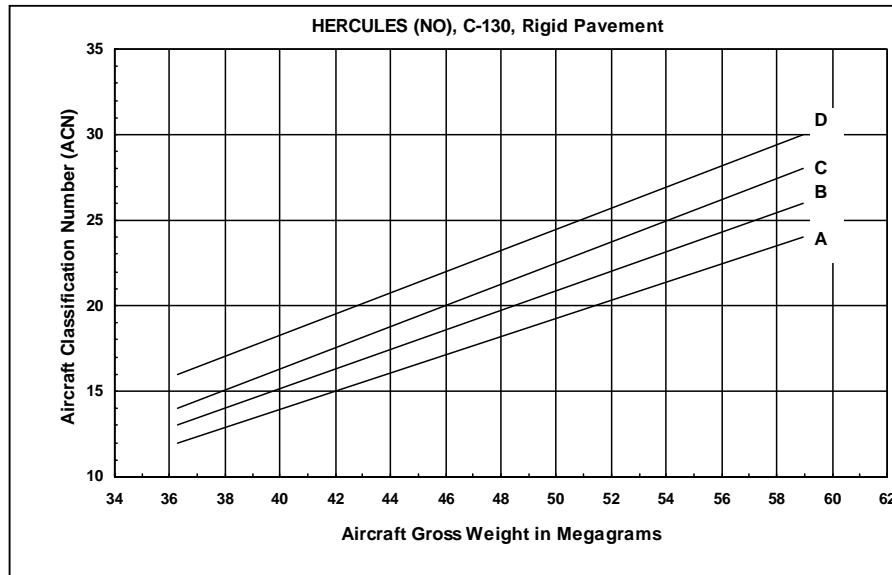
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
35.4	14	15	16	17
70.3	31	33	36	38

SOURCE: DNK 4/13/2005

HERCULES, C-130



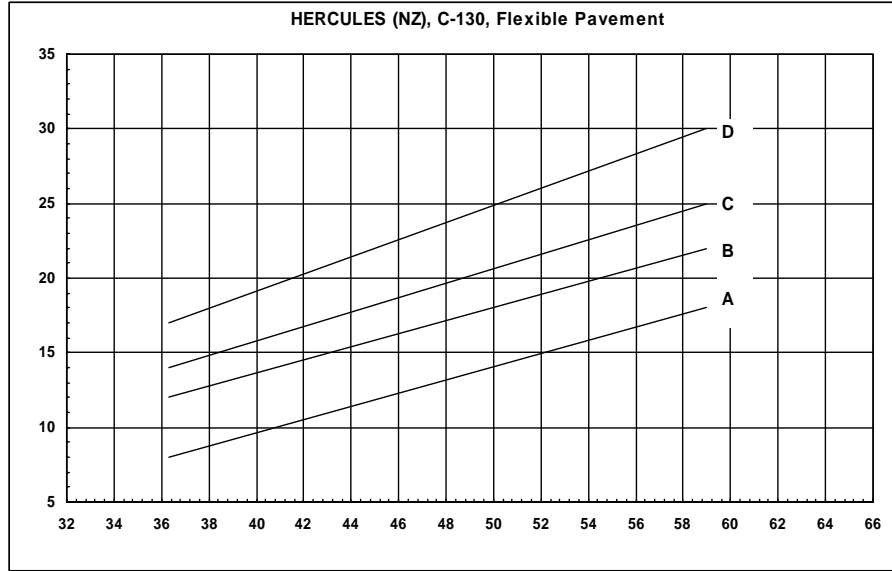
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
36.287	8	12	14	17
58.967	18	22	25	30



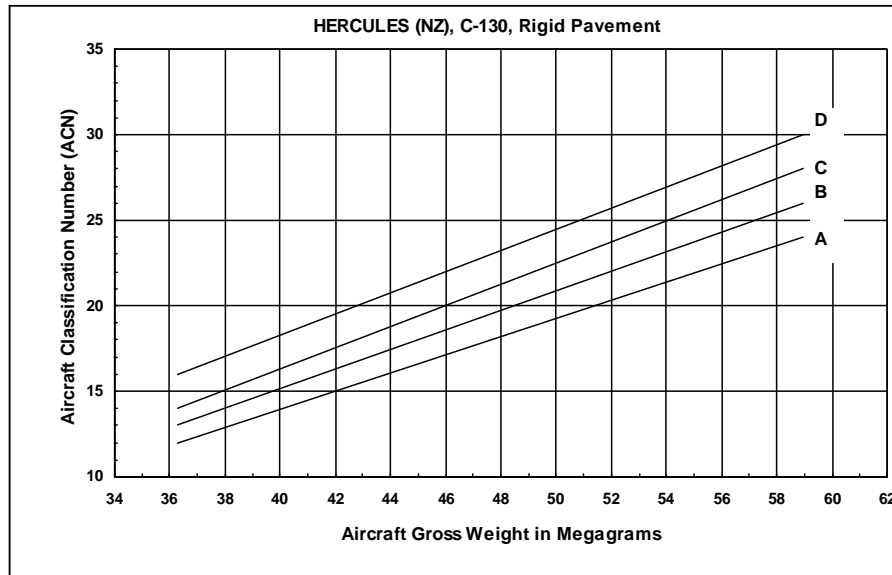
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
36.287	12	13	14	16
58.967	24	26	28	30

SOURCE: AFCESA 2002

HERCULES, C-130



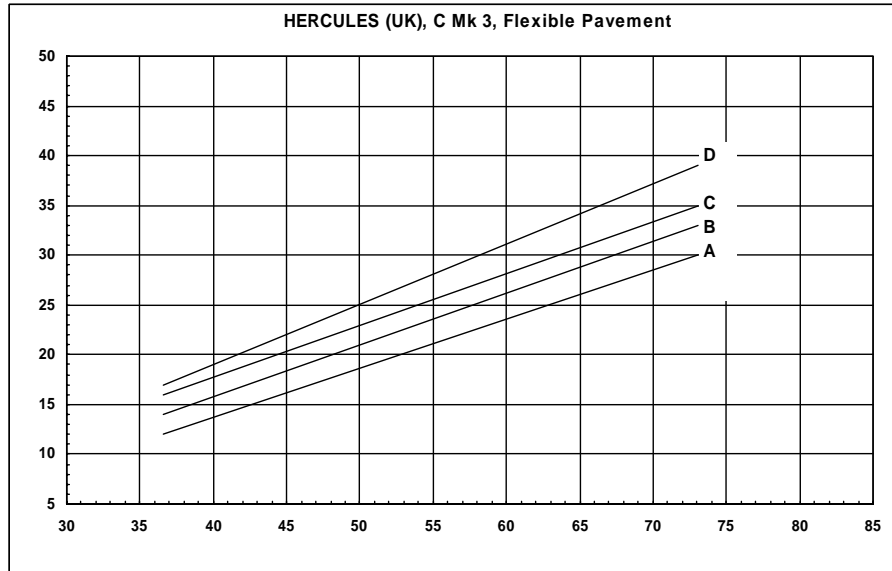
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
36.287	8	12	14	17
58.967	18	22	25	30



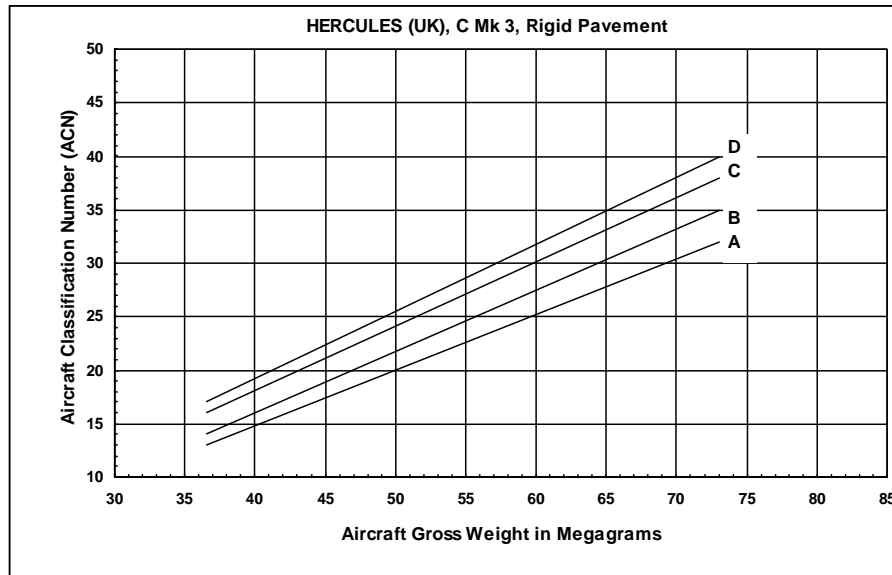
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
36.287	12	13	14	16
58.967	24	26	28	30

SOURCE: AFCESA 2002

HERCULES, C Mk 3



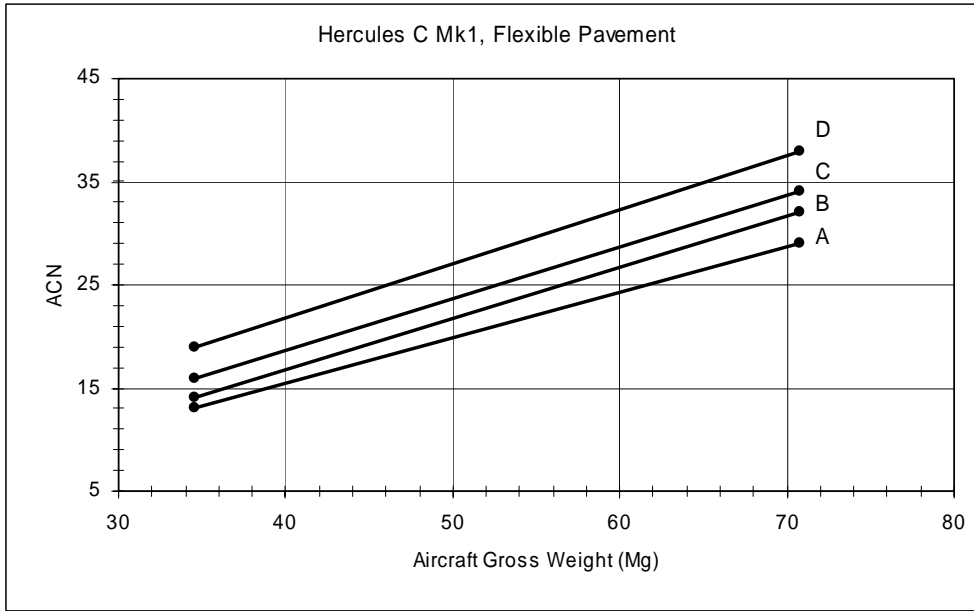
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
36.605	12	14	16	17
73.028	30	33	35	39



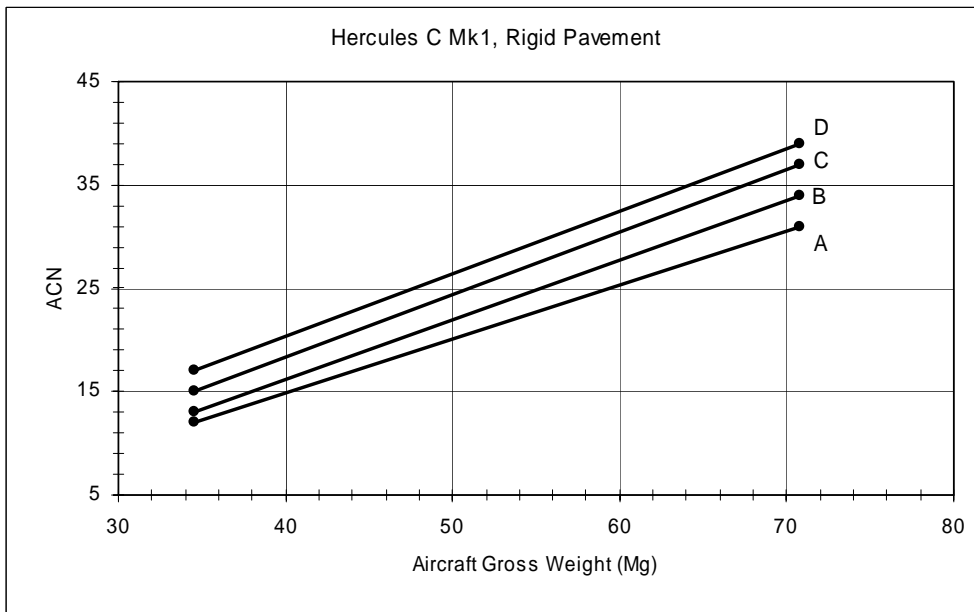
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
36.605	13	14	16	17
73.028	32	35	38	40

SOURCE: AFCESA 2002

HERCULES, C Mk 1



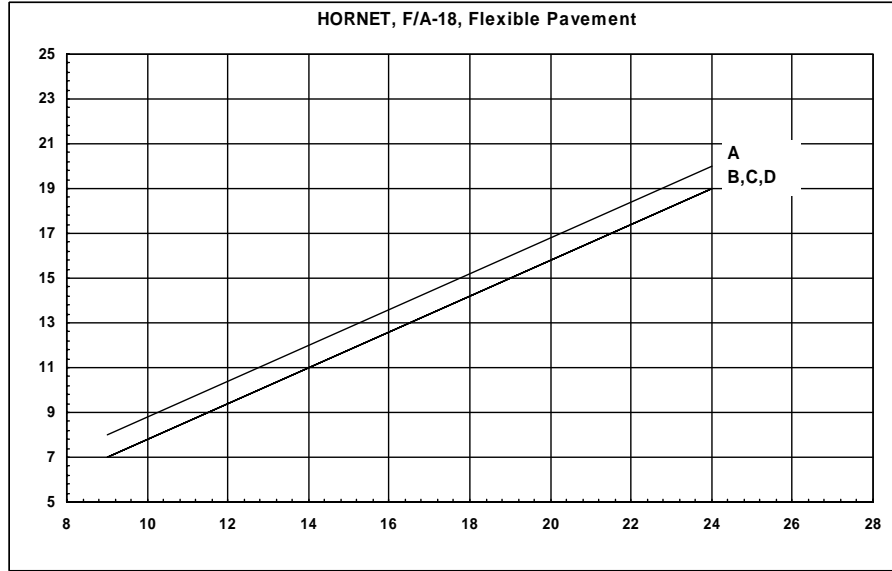
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (>120)	B (60-120)	C (25-60)	D (<25)
34.6	13	14	16	19
70.8	29	32	34	38



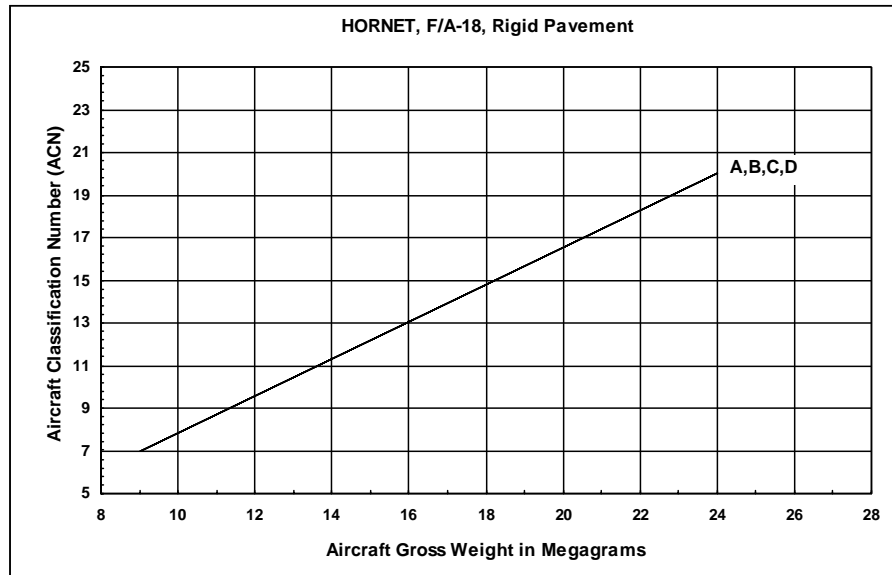
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
34.6	12	13	15	17
70.8	31	34	37	39

SOURCE: GBR 6/28/2005

HORNET, F/A-18



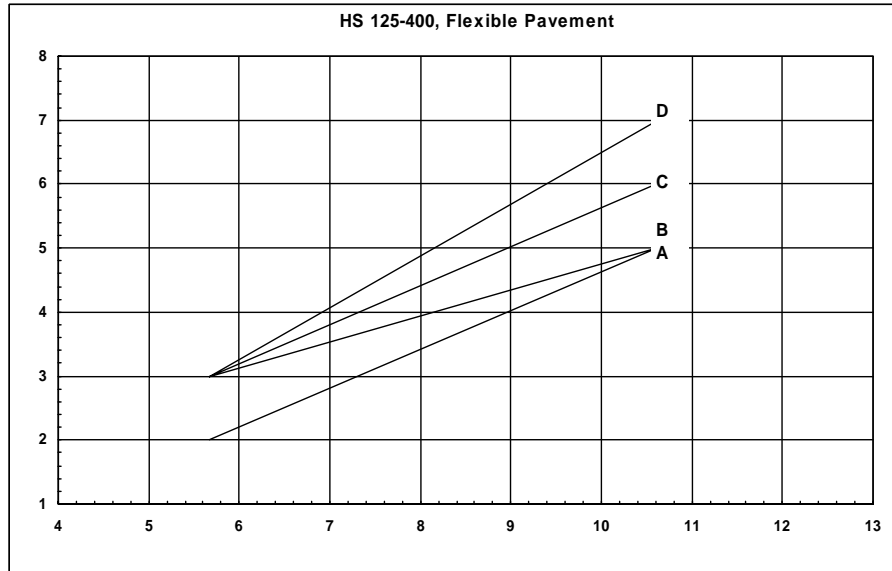
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9	8	7	7	7
24	20	19	19	19



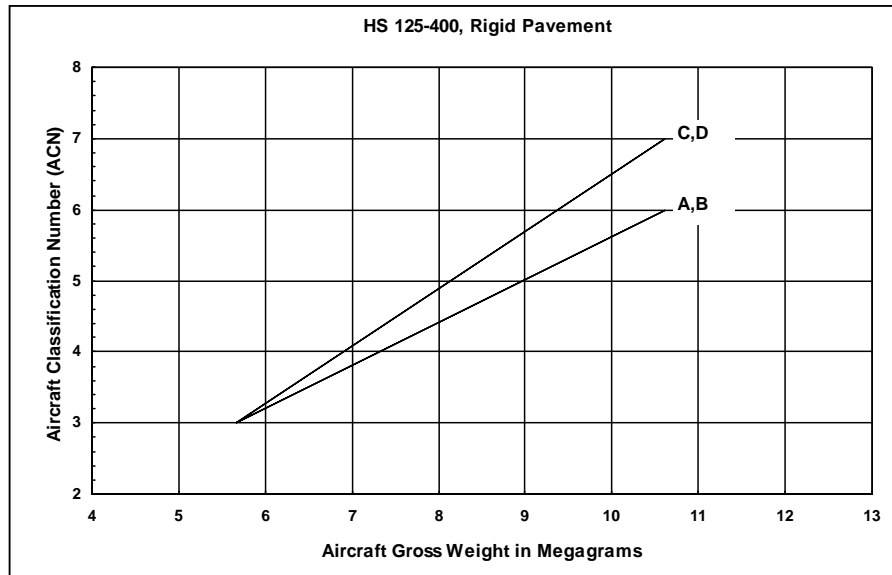
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9	7	7	7	7
24	20	20	20	20

SOURCE: AFCESA 2002

HS 125-400



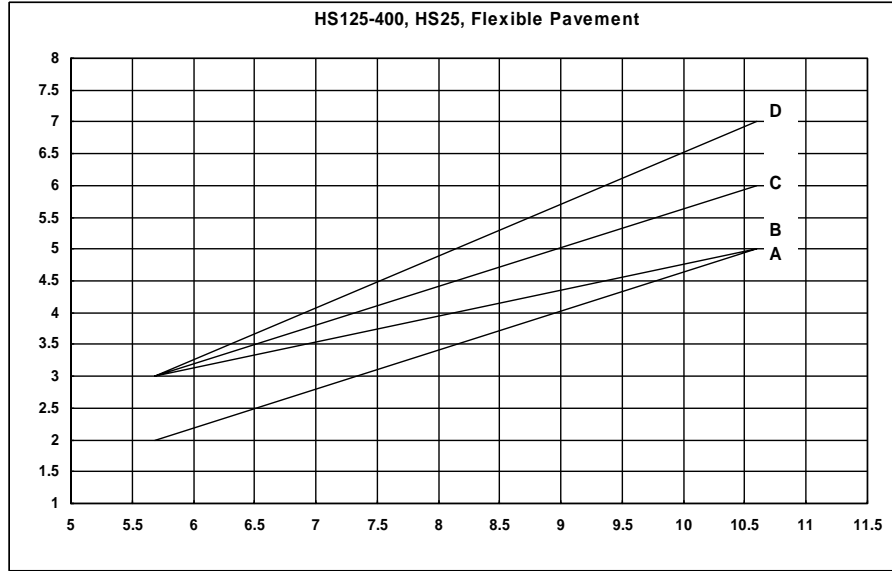
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.67	2	3	3	3
10.614	5	5	6	7



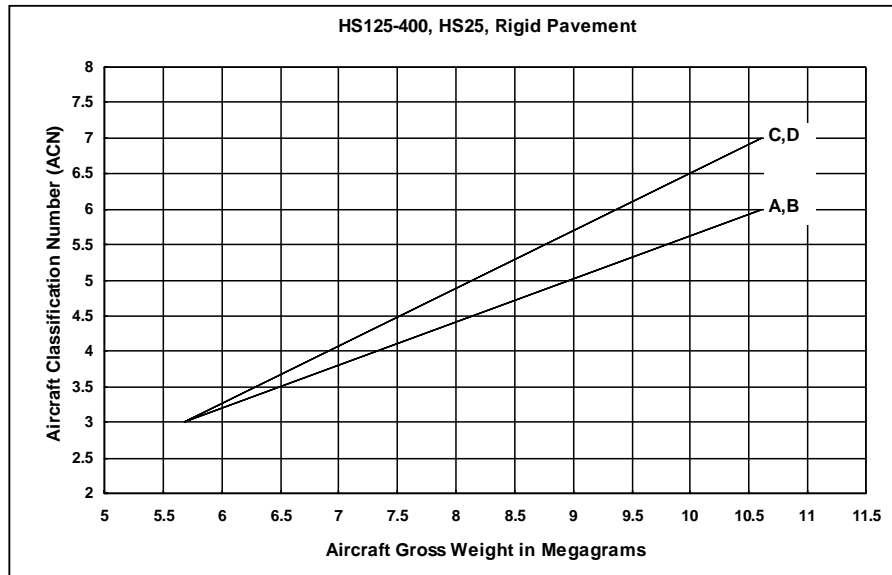
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.67	3	3	3	3
10.614	6	6	7	7

SOURCE: AFCESA 2002

HS 125-400, HS25



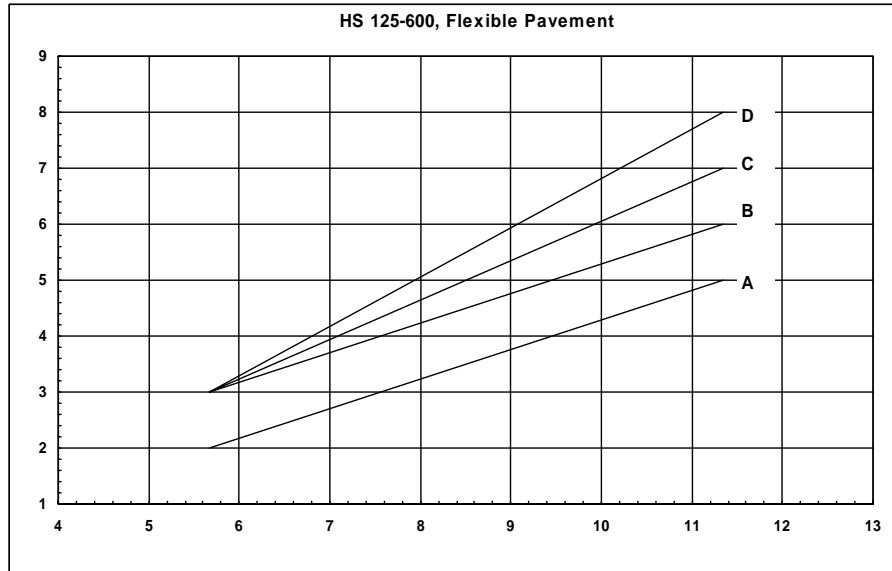
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.683	2	3	3	3
10.6	5	5	6	7



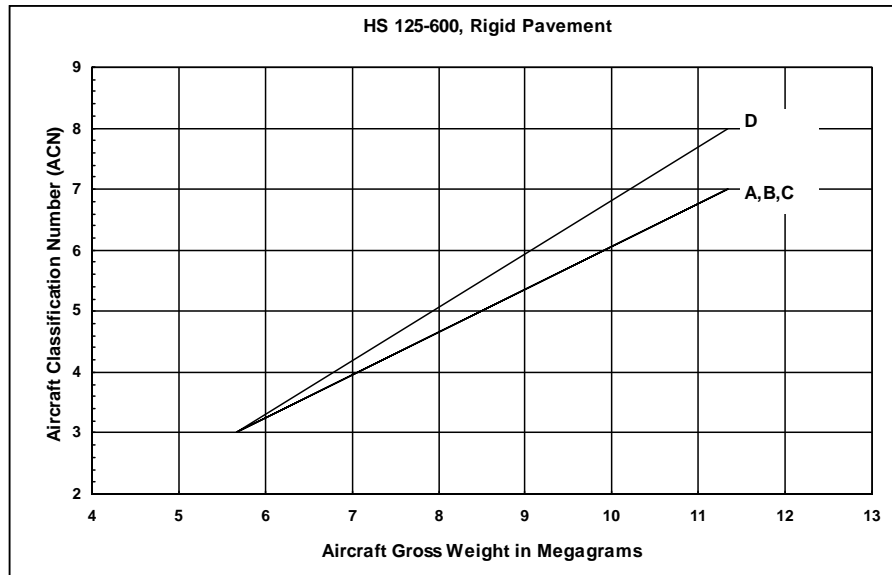
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.683	3	3	3	3
10.6	6	6	7	7

SOURCE: AFCESA 2002

HS 125-600



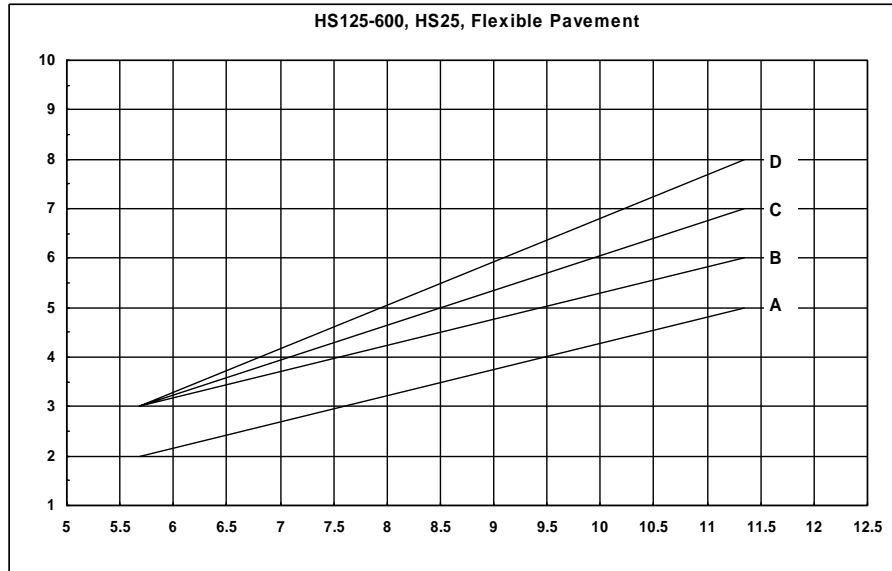
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.67	2	3	3	3
11.34	5	6	7	8



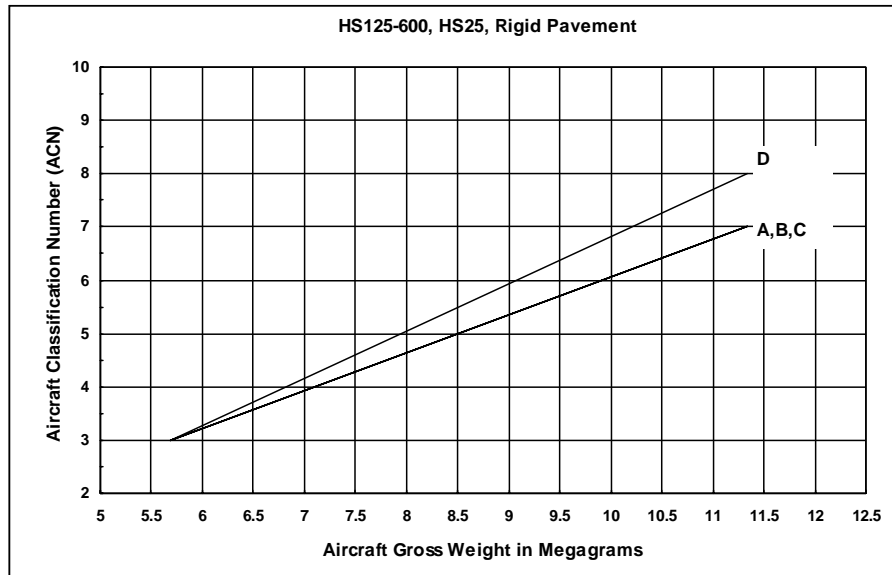
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.67	3	3	3	3
11.34	7	7	7	8

SOURCE: AFCEA 2002

HS 125-600, HS25



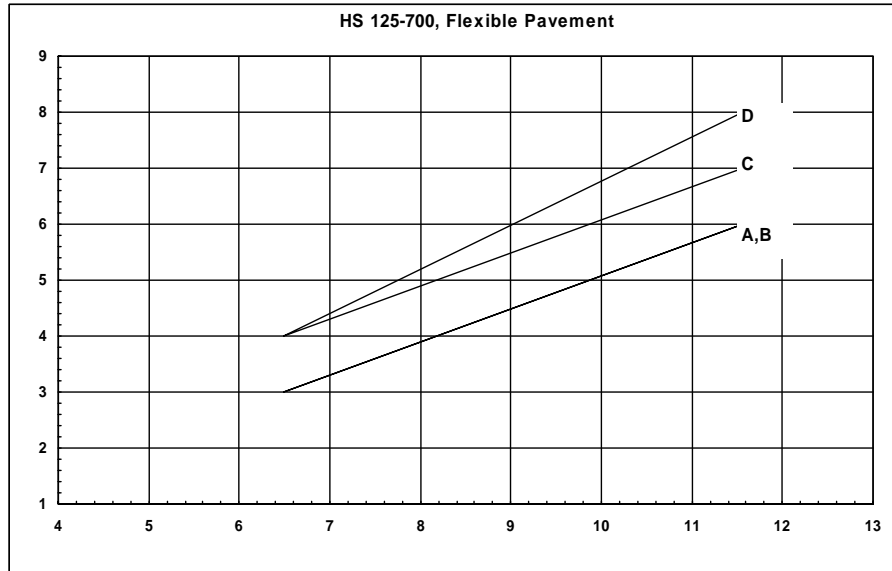
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.683	2	3	3	3
11.34	5	6	7	8



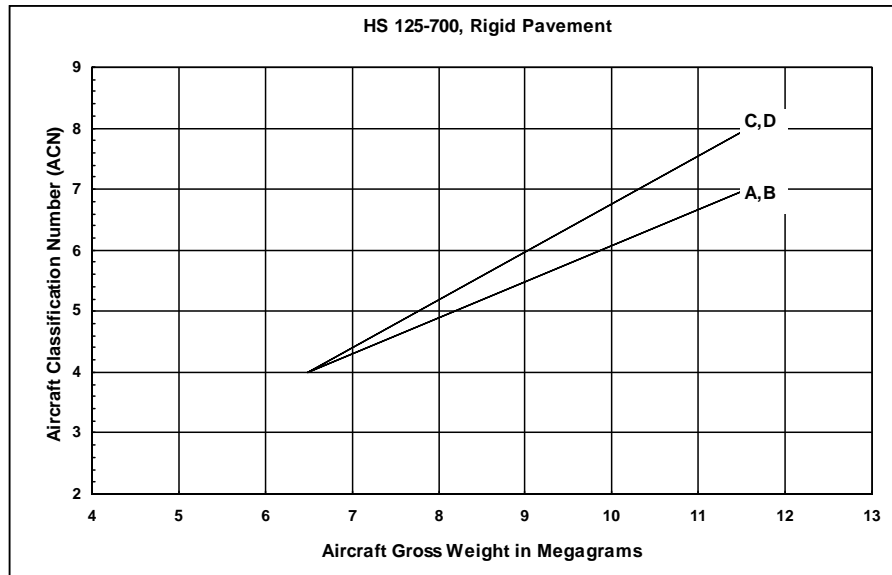
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.683	3	3	3	3
11.34	7	7	7	8

SOURCE: AFCESA 2002

HS 125-700



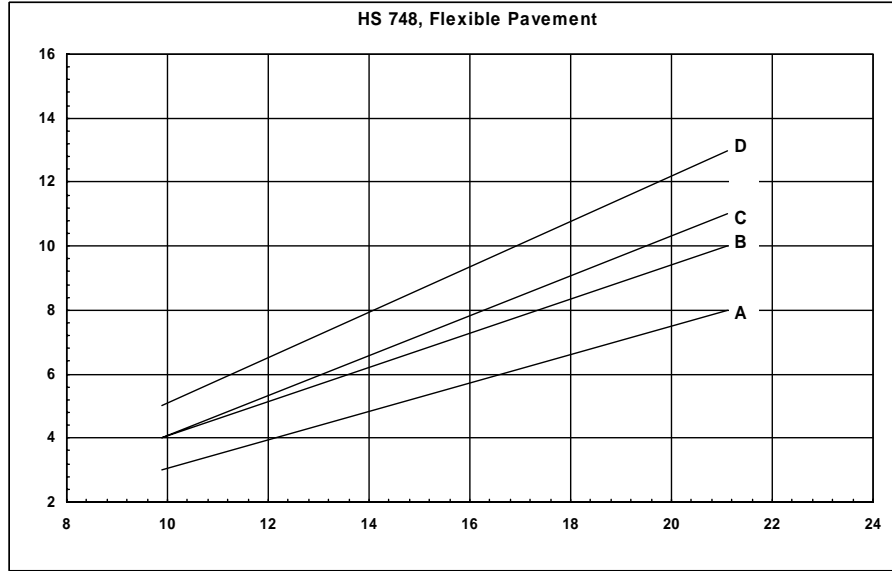
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.486	3	3	4	4
11.567	6	6	7	8



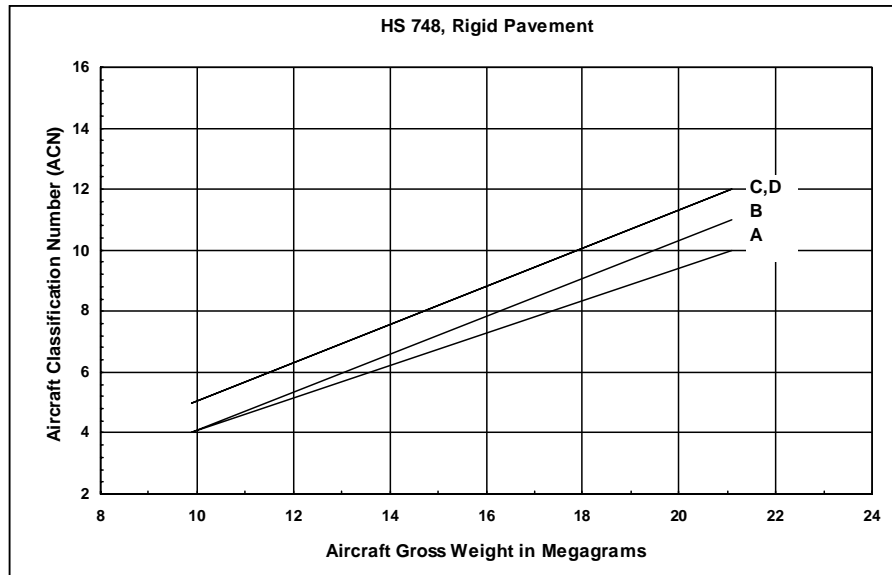
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.486	4	4	4	4
11.567	7	7	8	8

SOURCE: AFCEA 2002

HS 748



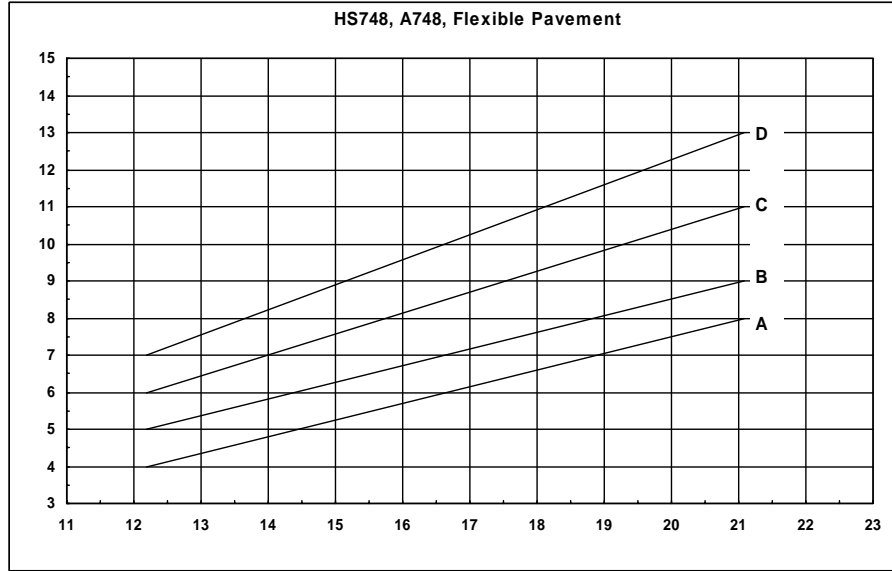
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.9	3	4	4	5
21.1	8	10	11	13



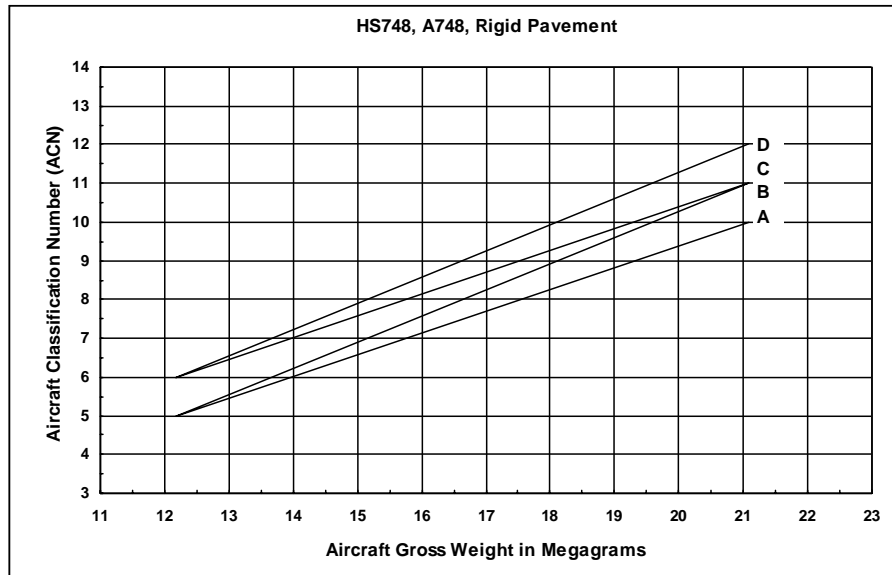
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.9	4	4	5	5
21.1	10	11	12	12

SOURCE: AFCEA 2002

HS 748, A748



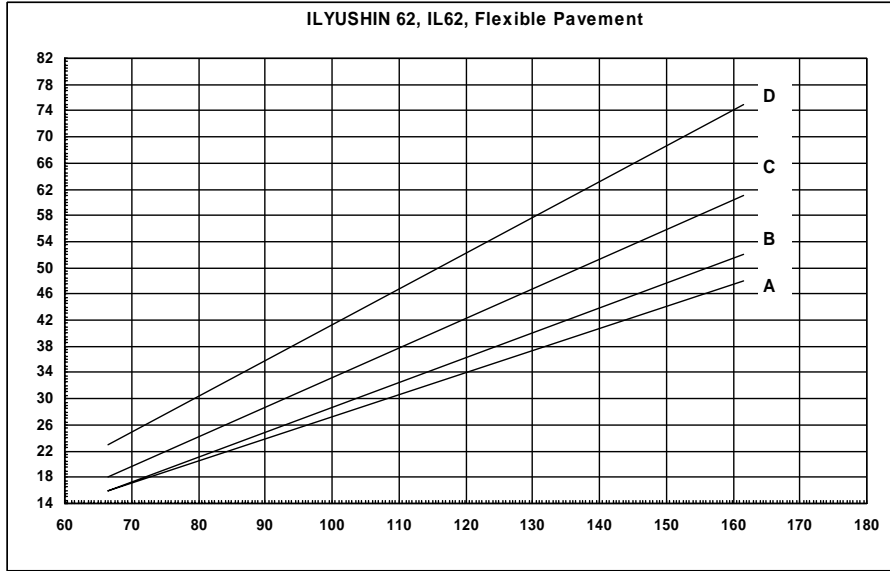
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.183	4	5	6	7
21.092	8	9	11	13



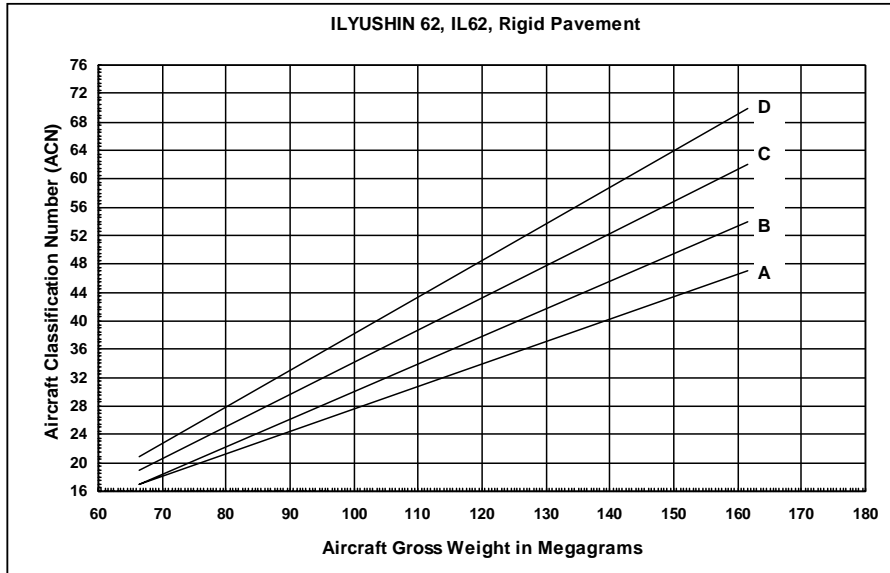
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.183	5	5	6	6
21.092	10	11	11	12

SOURCE: AFCEA 2002

IL-62 ILYUSHIN 62



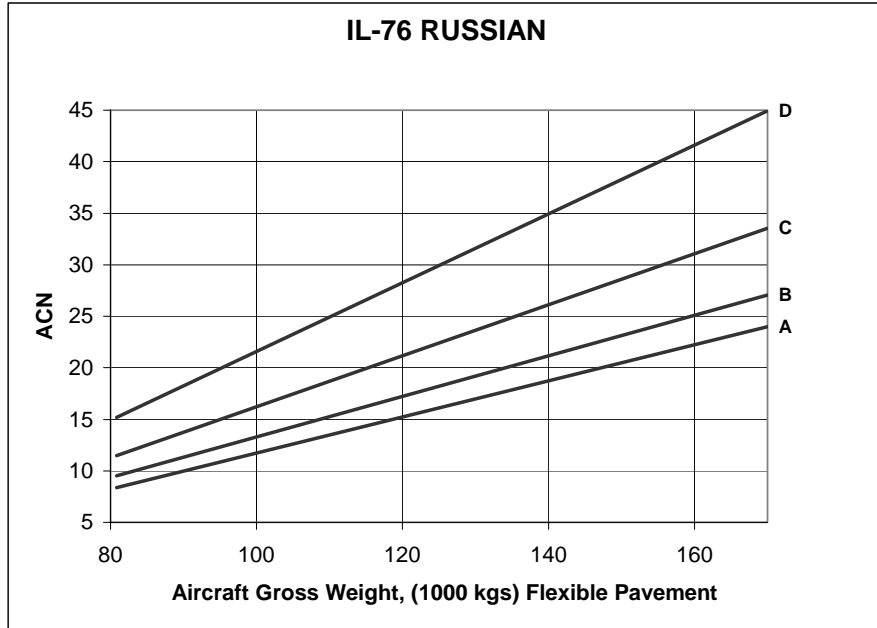
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
66.4	16	16	18	23
161.57	48	52	61	75



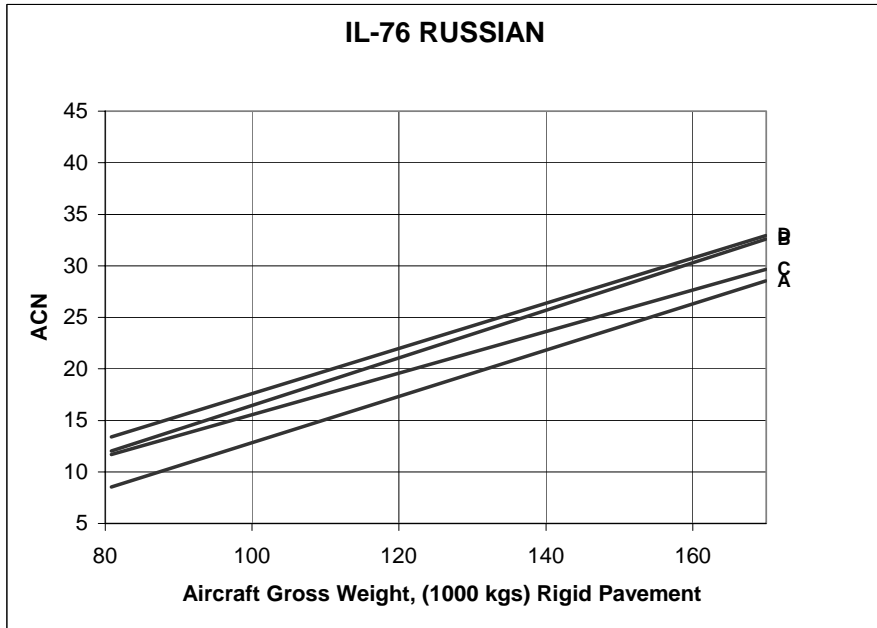
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
66.4	17	17	19	21
161.57	47	54	62	70

SOURCE: AFCESA 2002

IL-76 RUSSIAN



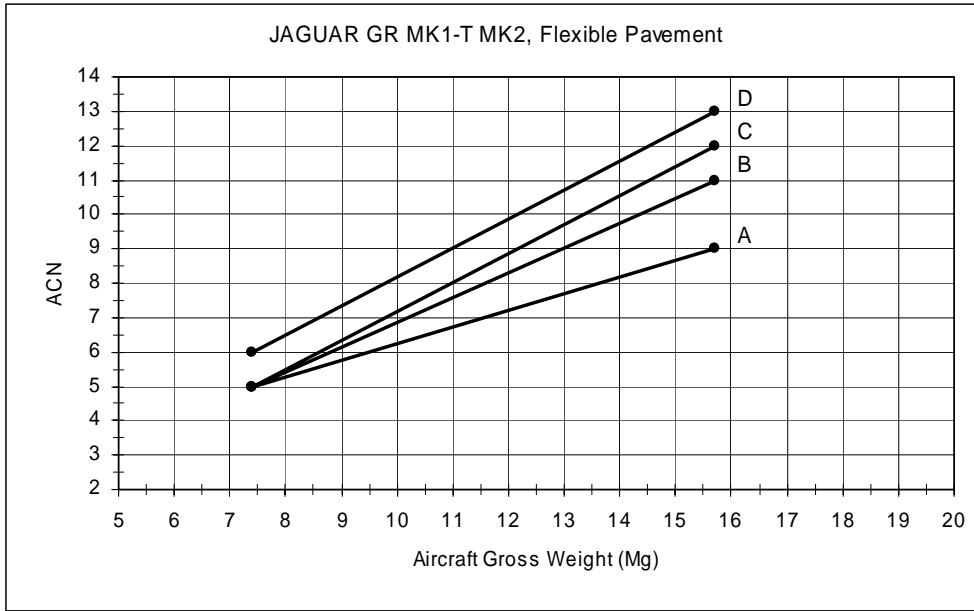
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
80.8 MIN	8.4	9.5	11.5	15.2
170 MAX	24.0	27.1	33.5	44.9



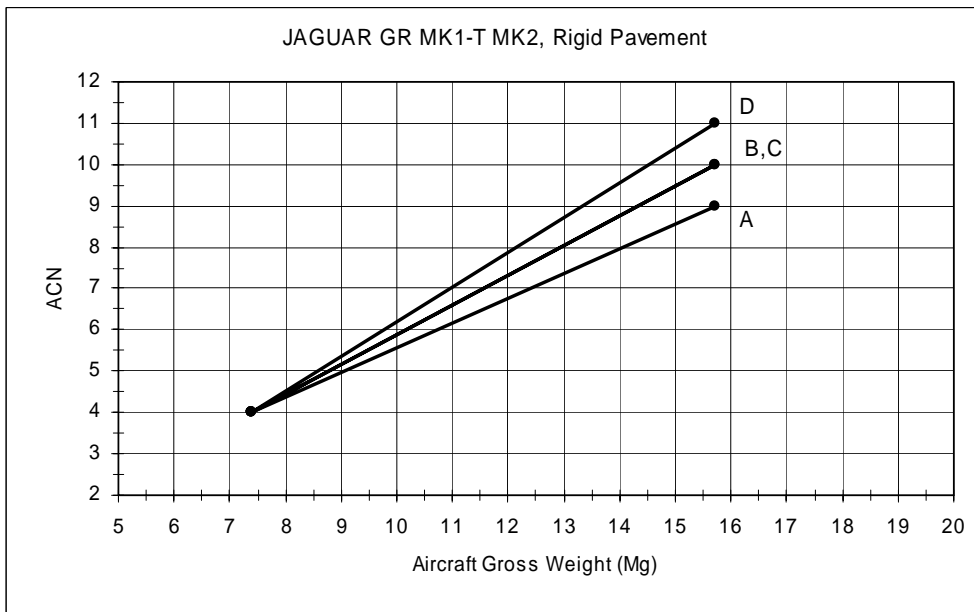
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
80.8 MIN	8.5	12.0	11.7	13.4
170 MAX	28.5	32.6	29.6	32.9

SOURCE: PCASE 2003

JAGUAR GR MK1-T MK2



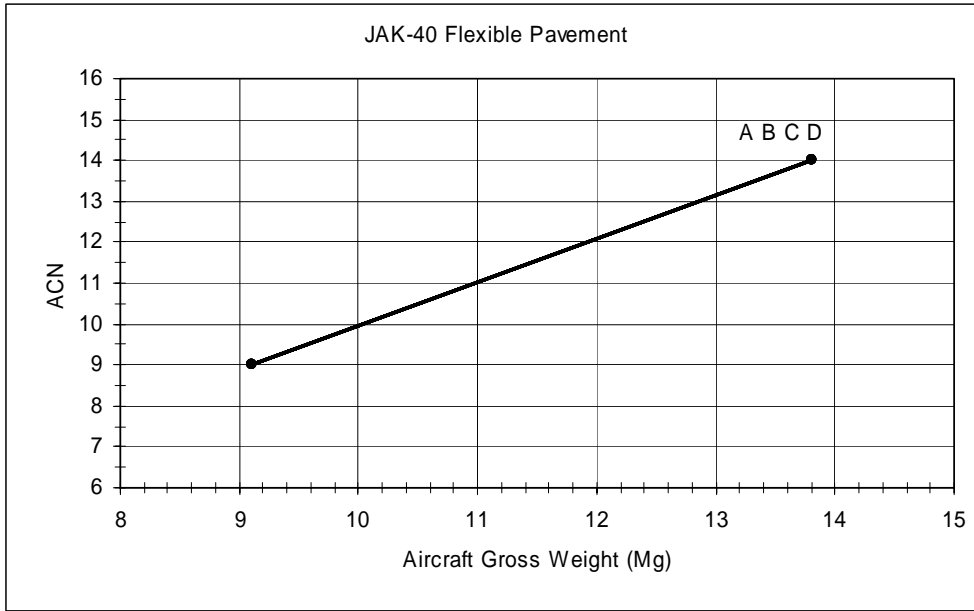
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
7.4	5	5	5	6
15.7	9	11	12	13



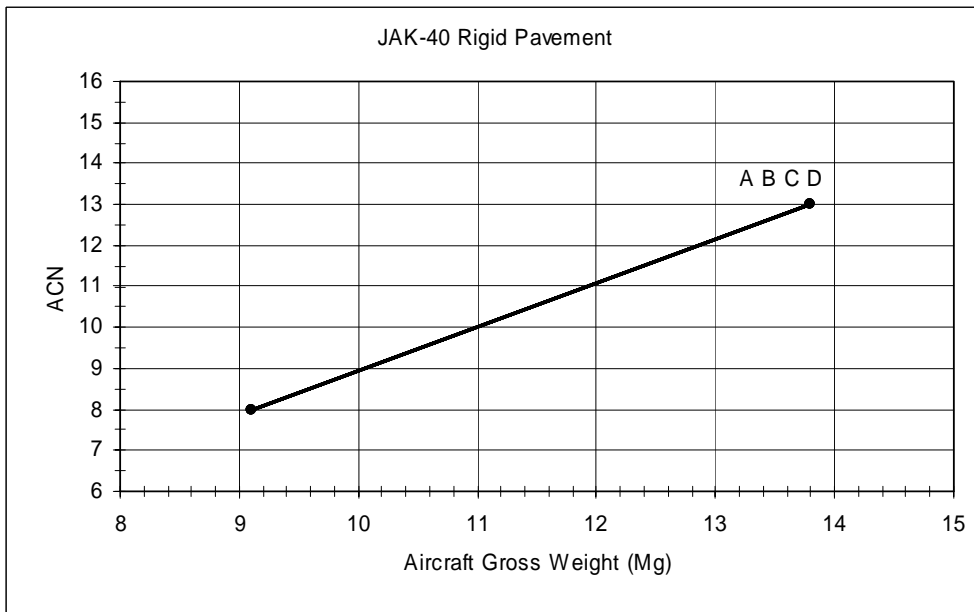
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (>120)	B (60-120)	C (25-60)	D (<25)
7.4	4	4	4	4
15.7	9	10	10	11

SOURCE: GBR 6/28/2005

JAK-40



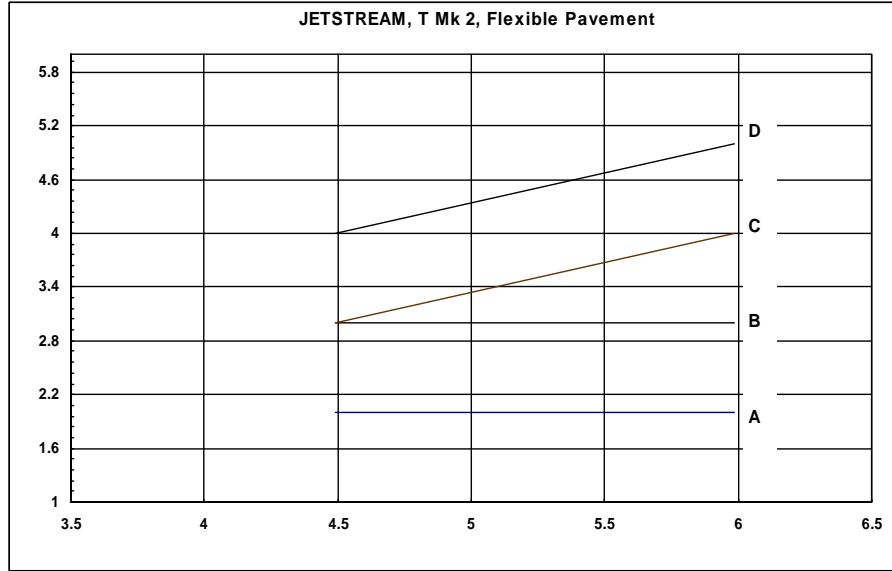
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.1	9	9	9	9
13.8	14	14	14	14



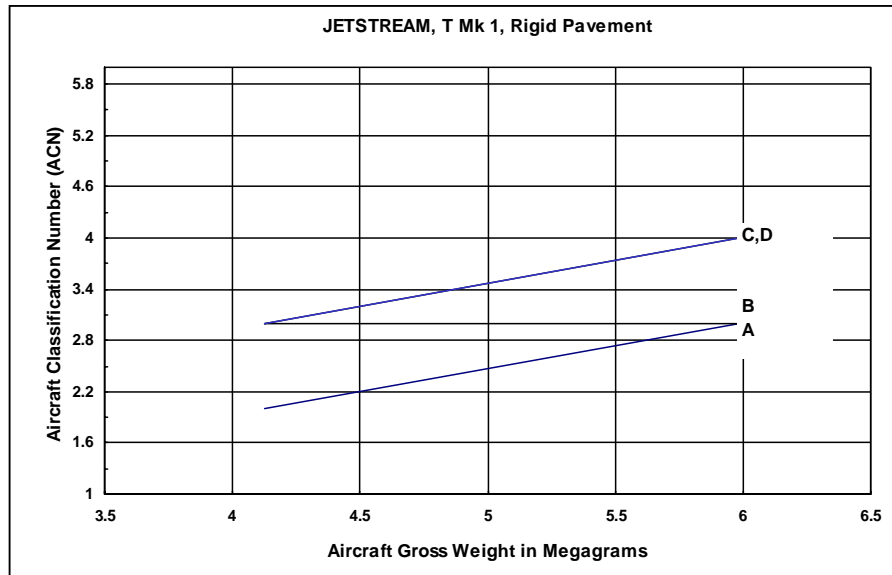
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.1	8	8	8	8
13.8	13	13	13	13

SOURCE: CZE 4/13/2005

JETSTREAM, T Mk 1



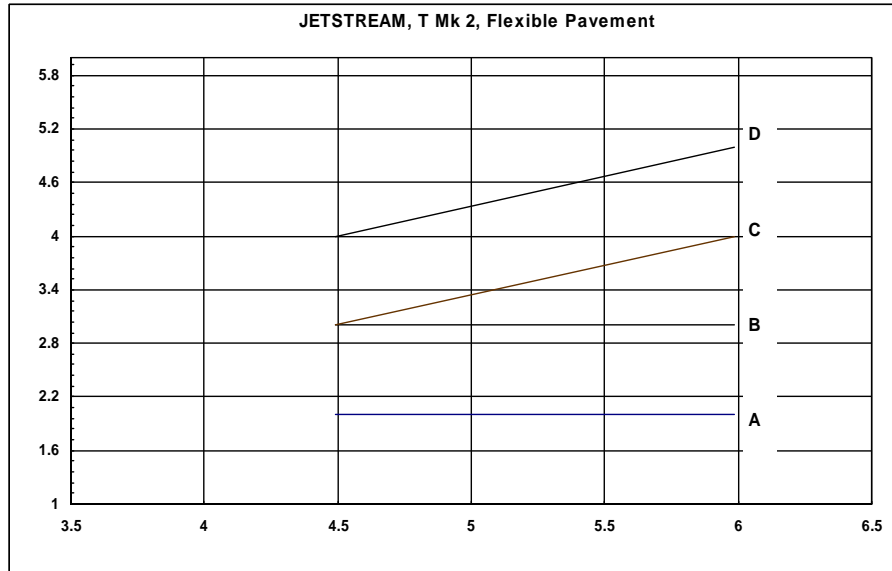
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.126	2	3	3	4
5.987	2	3	4	5



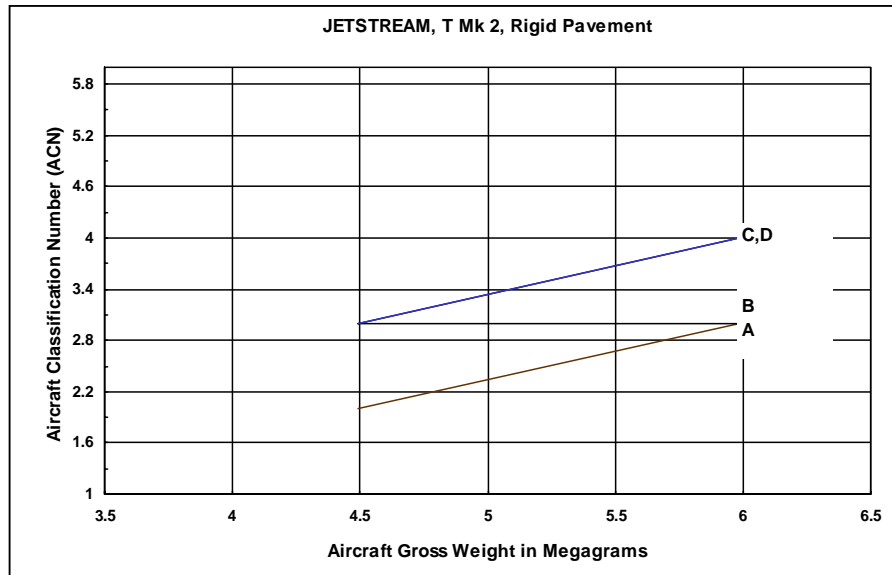
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.126	2	3	3	3
5.987	3	3	4	4

SOURCE: AFCESA 2002

JETSTREAM, T Mk 2



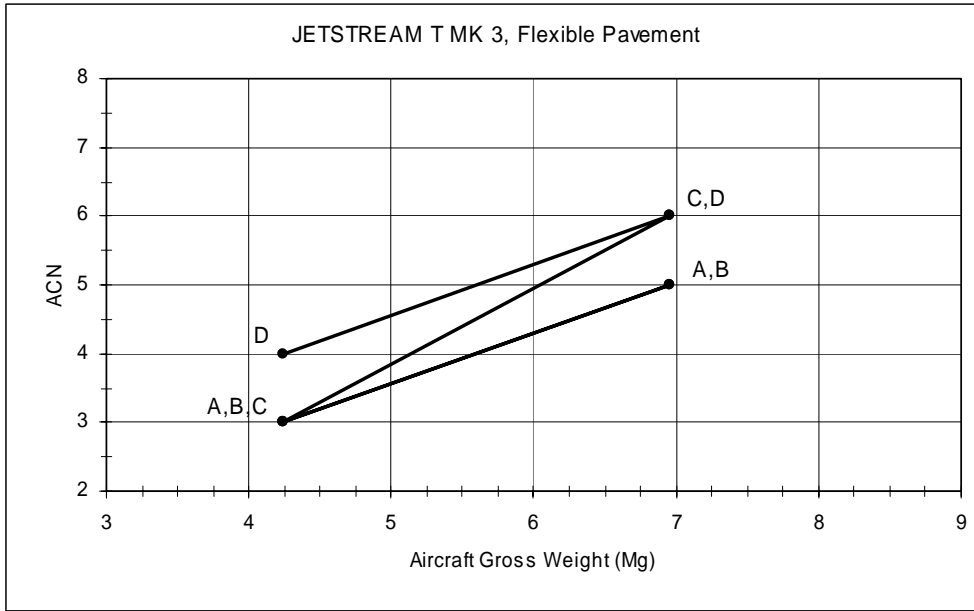
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.491	2	3	3	4
5.987	2	3	4	5



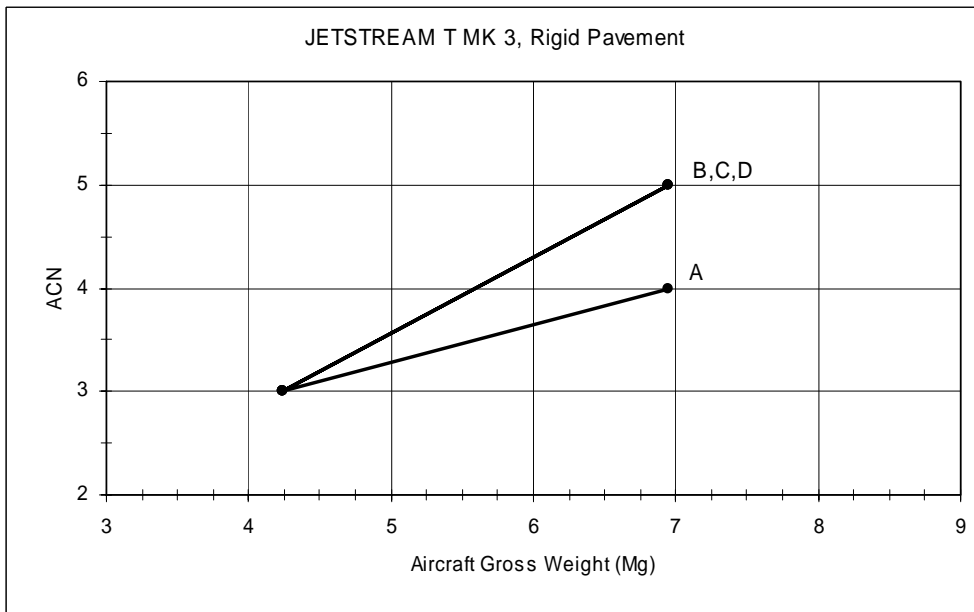
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.491	2	3	3	3
5.987	3	3	4	4

SOURCE: AFCESA 2002

JETSTREAM, T Mk 3



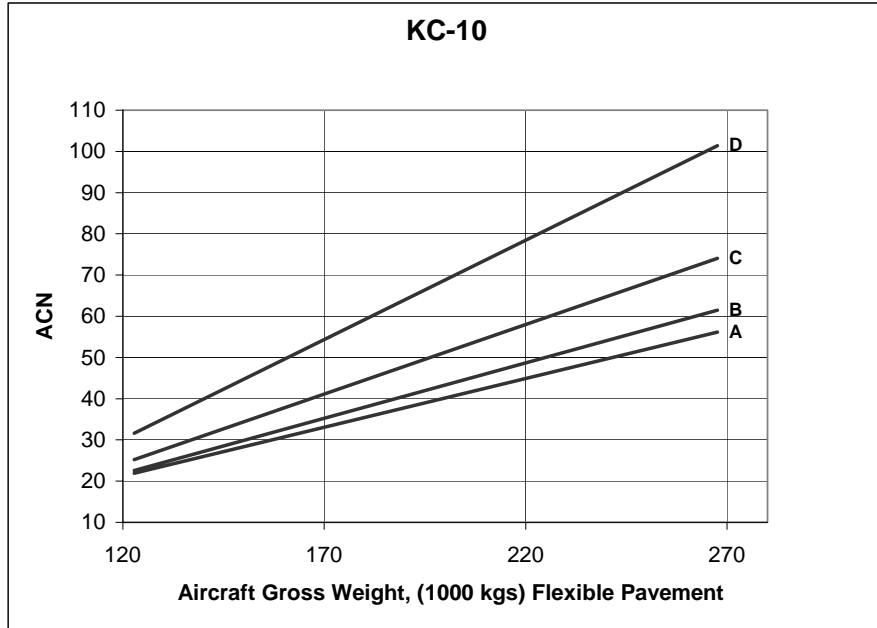
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.2	3	3	3	4
7.0	5	5	6	6



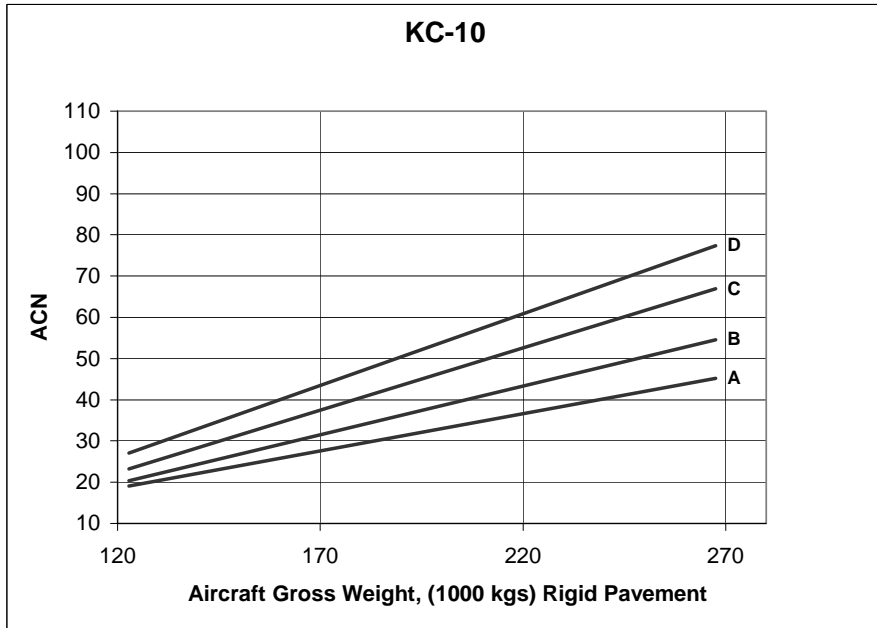
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.2	3	3	3	3
7.0	4	5	5	5

SOURCE: GBR 6/28/2005

KC-10



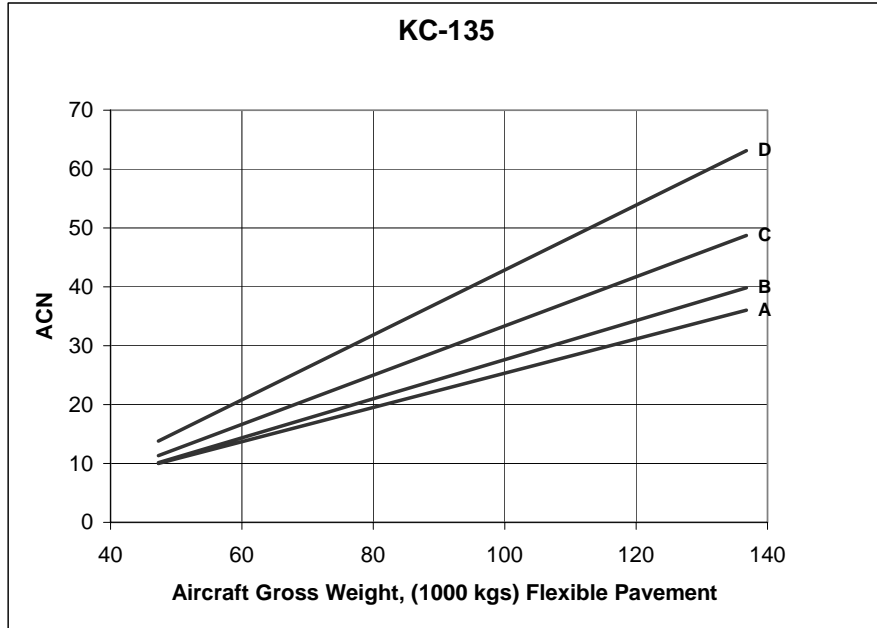
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
122.8 MIN	21.9	22.6	25.3	31.6
267.6 MAX	56.1	61.5	74.1	101.4



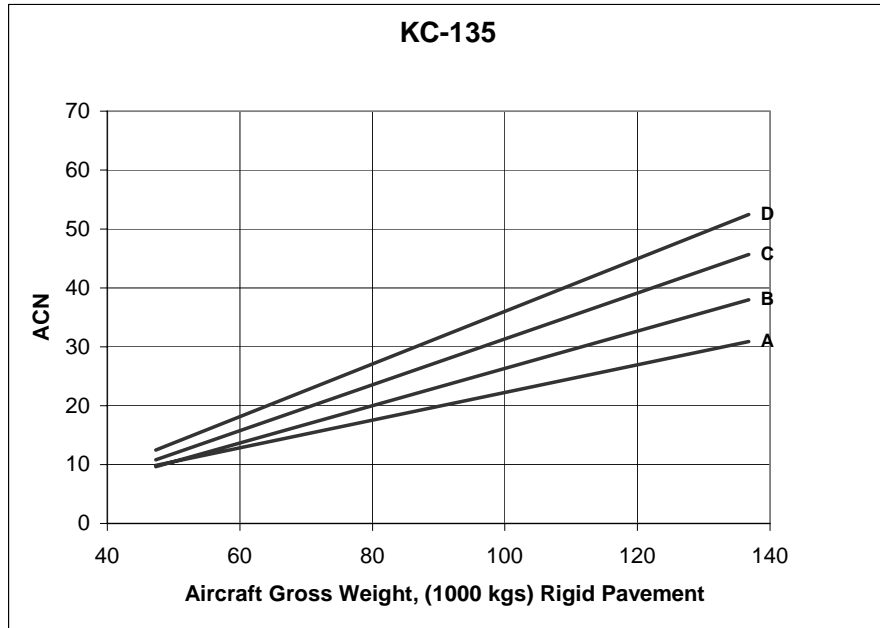
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
122.8 MIN	19.0	20.3	23.3	27.0
267.6 MAX	45.1	54.6	66.9	77.4

SOURCE: PCASE 2003

KC-135



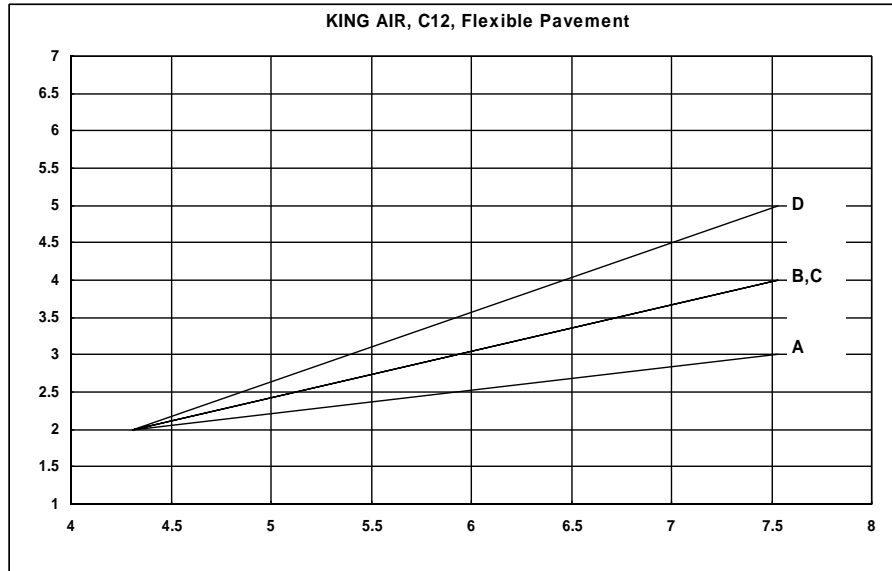
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
47.3 MIN	10.0	10.2	11.3	13.8
136.8 MAX	36.0	39.9	48.7	63.1



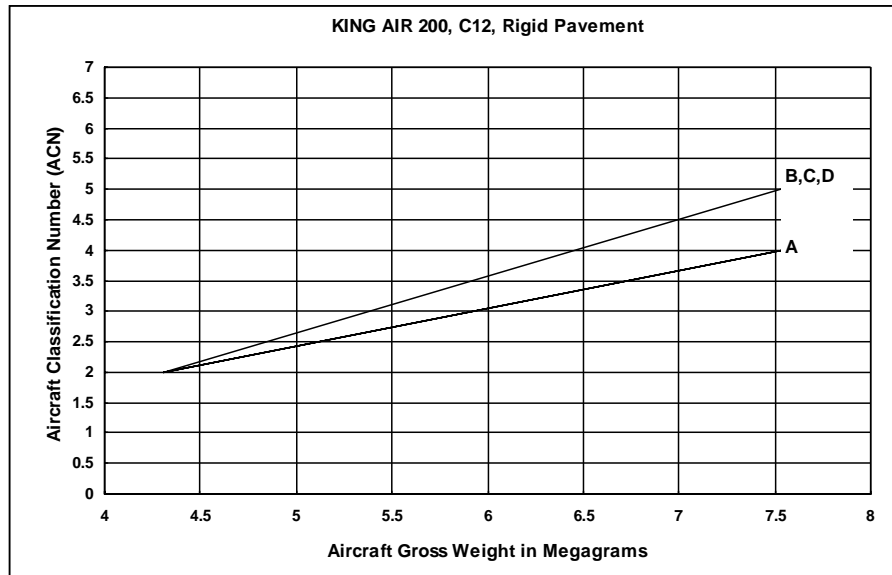
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
47.3 MIN	9.8	9.6	10.8	12.5
136.8 MAX	30.9	38.0	45.7	52.4

SOURCE: PCASE 2003

KING AIR, C12



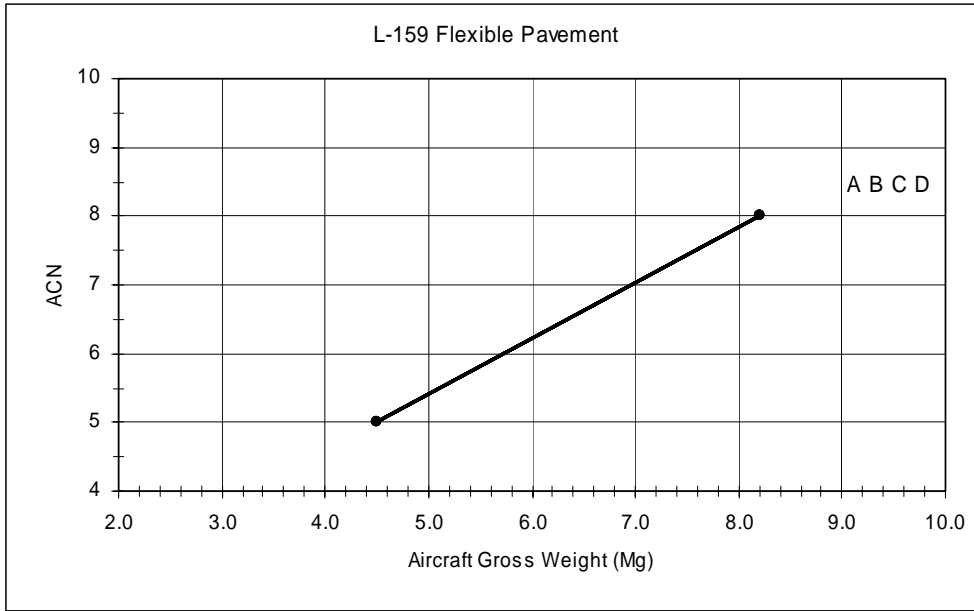
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.309	2	2	2	2
7.53	3	4	4	5



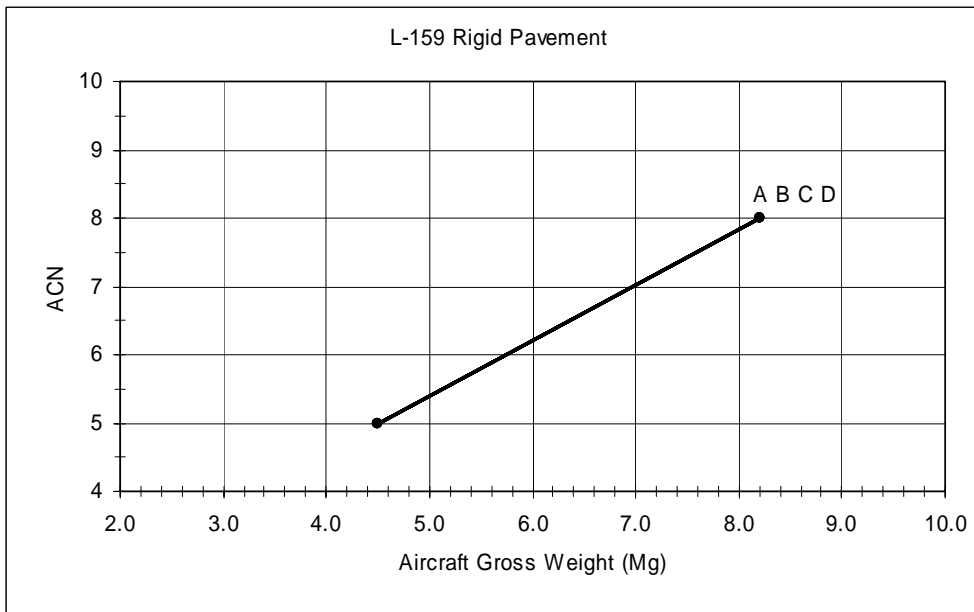
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.309	2	2	2	2
7.53	4	4	4	5

SOURCE: AFCESA 2002

L-159



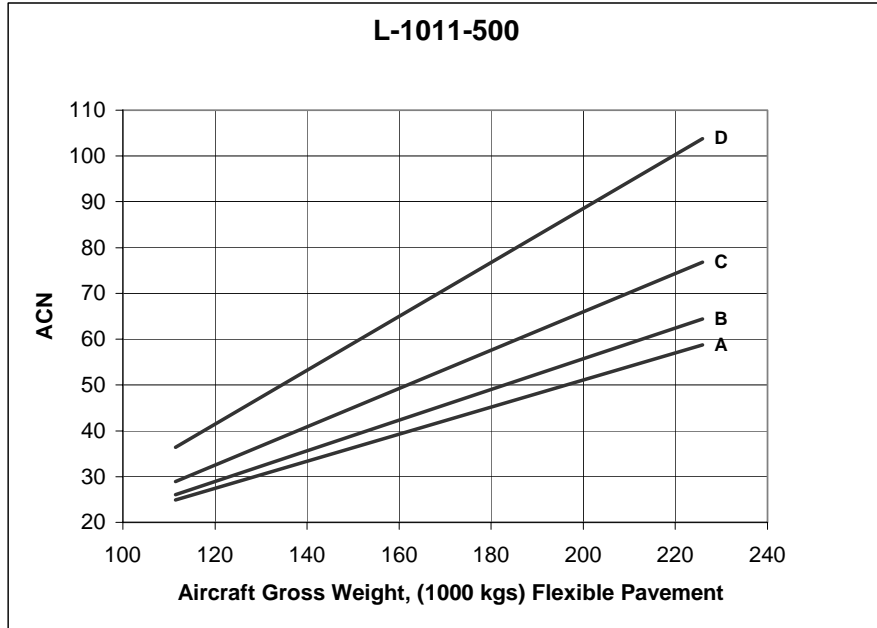
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.5	5	5	5	5
8.2	8	8	8	8



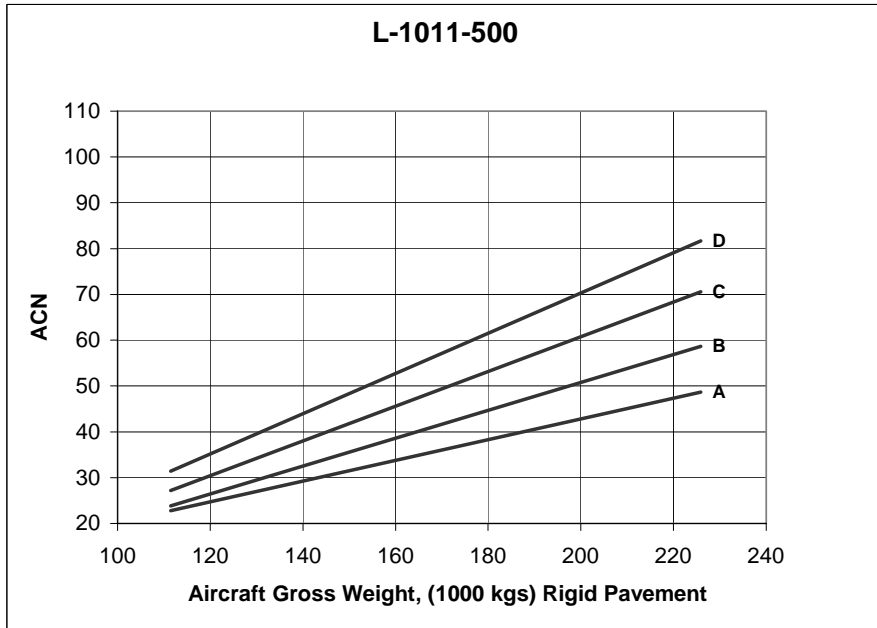
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.5	5	5	5	5
8.2	8	8	8	8

SOURCE: CZE 4/13/2005

L-1011-500



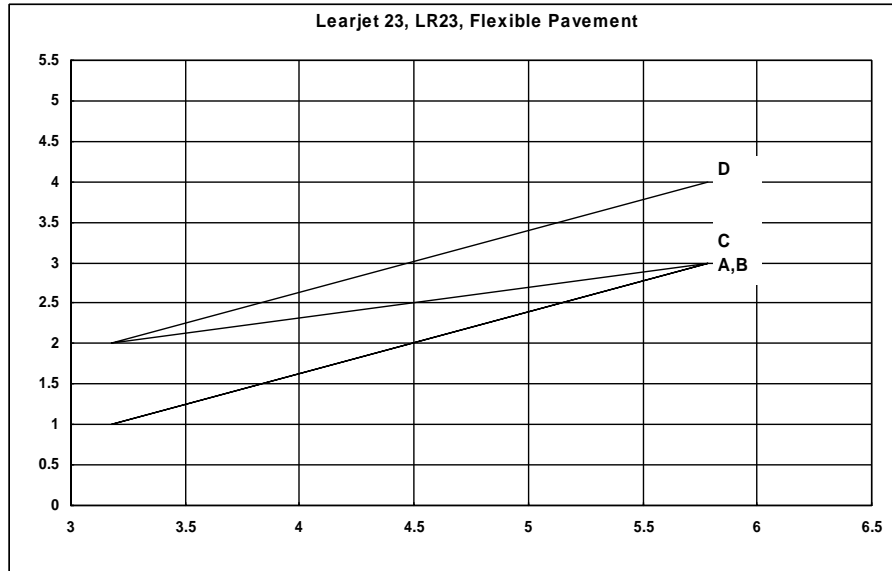
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
111.4 MIN	24.9	26.1	28.9	36.5
225.8 MAX	58.8	64.4	76.8	103.8



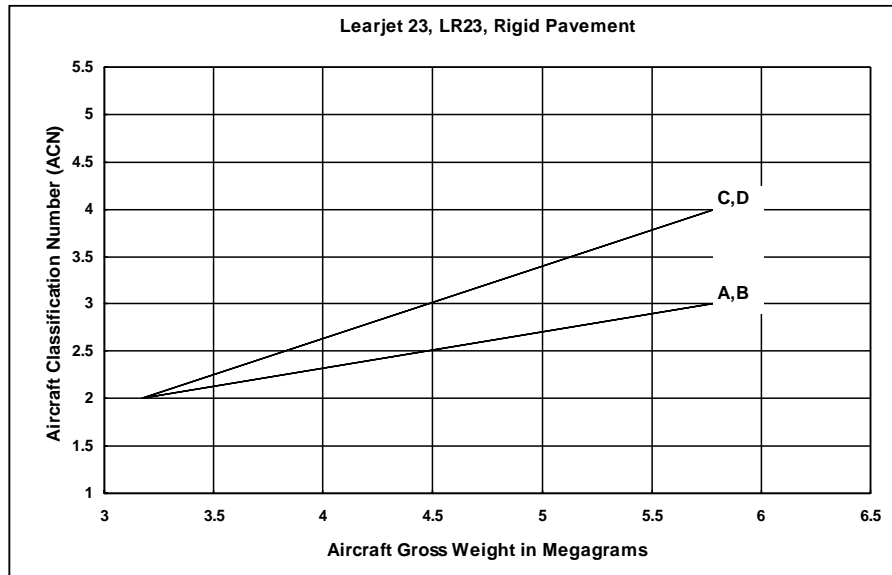
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
111.4 MIN	22.8	23.8	27.2	31.4
225.8 MAX	48.7	58.7	70.5	81.7

SOURCE: PCASE 2003

Learjet 23, LR23



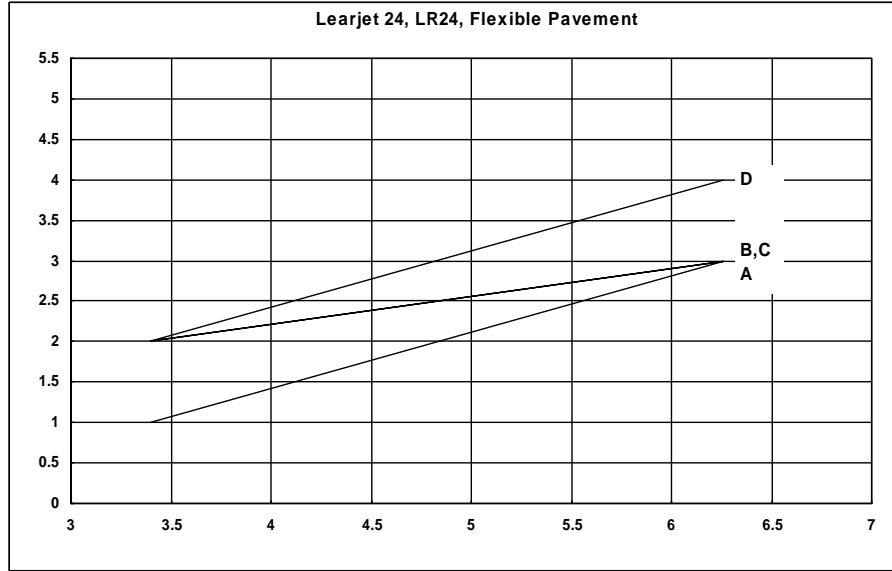
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.175	1	1	2	2
5.783	3	3	3	4



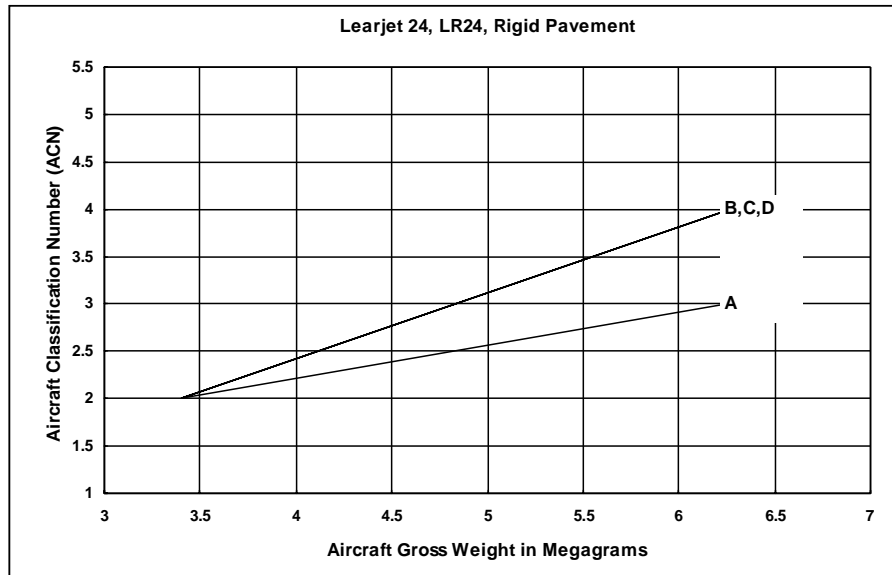
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.175	2	2	2	2
5.783	3	3	4	4

SOURCE: AFCEA 2002

Learjet 24, LR24



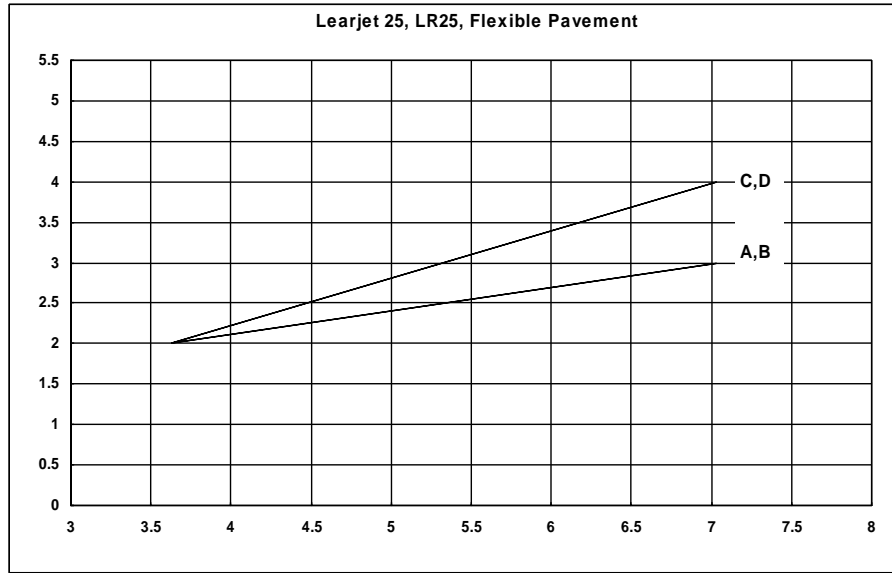
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.402	1	2	2	2
6.26	3	3	3	4



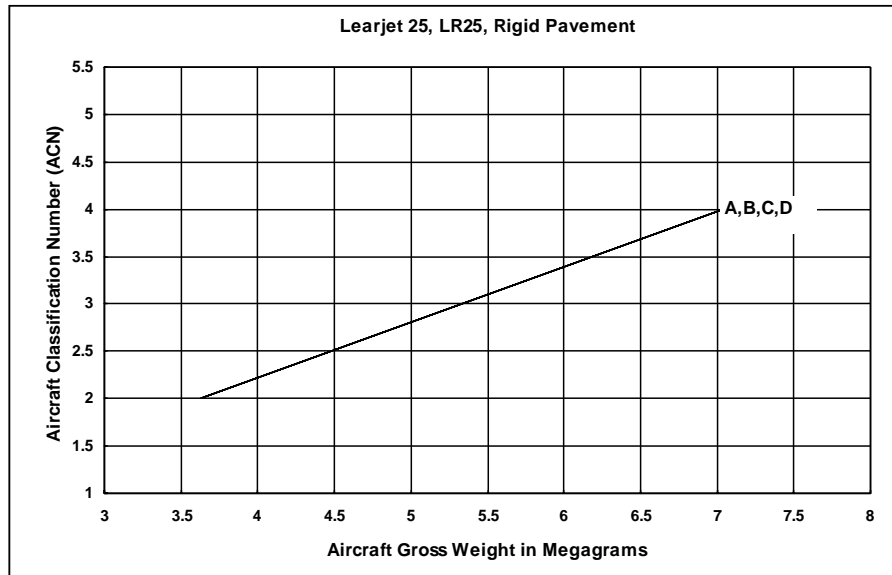
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.402	2	2	2	2
6.26	3	4	4	4

SOURCE: AFCESA 2002

Learjet 25, LR25



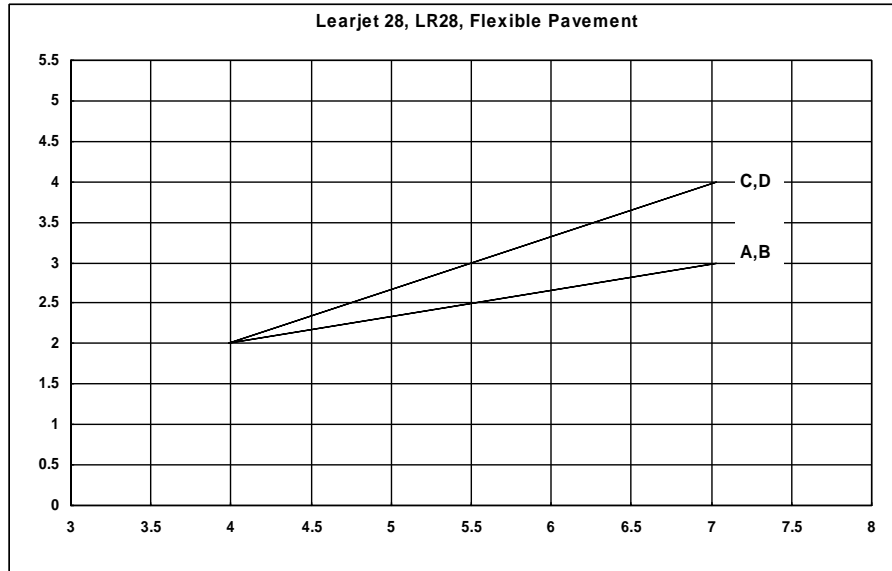
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.629	2	2	2	2
7.031	3	3	4	4



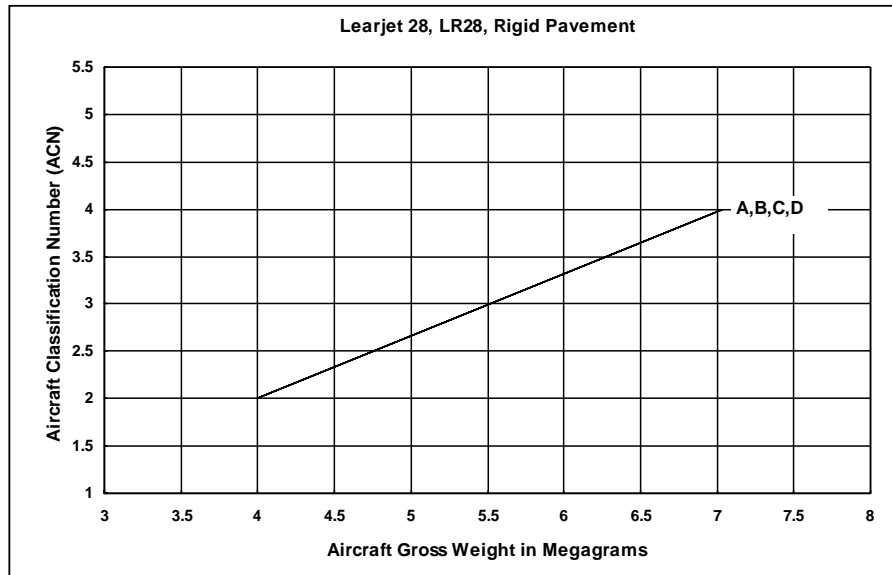
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.629	2	2	2	2
7.031	4	4	4	4

SOURCE: AFCESA 2002

Learjet 28, LR28



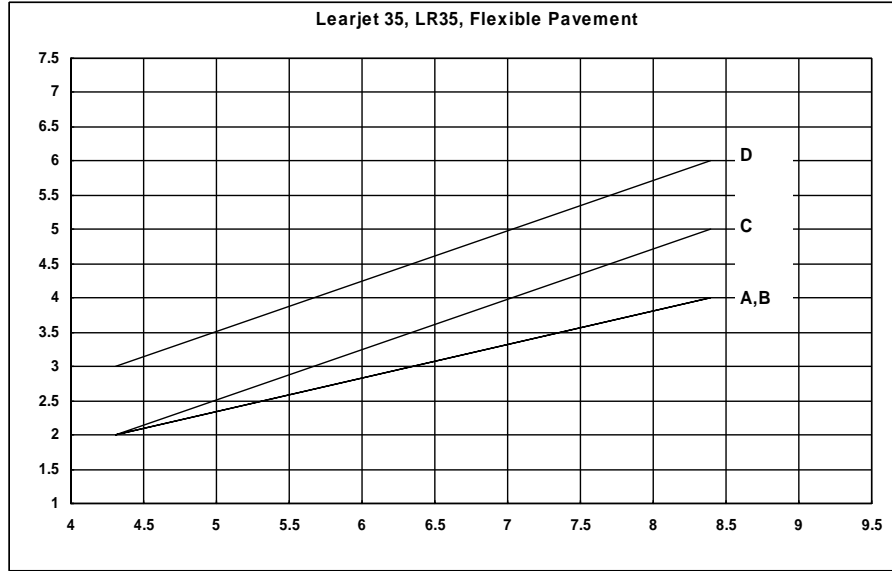
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.992	2	2	2	2
7.031	3	3	4	4



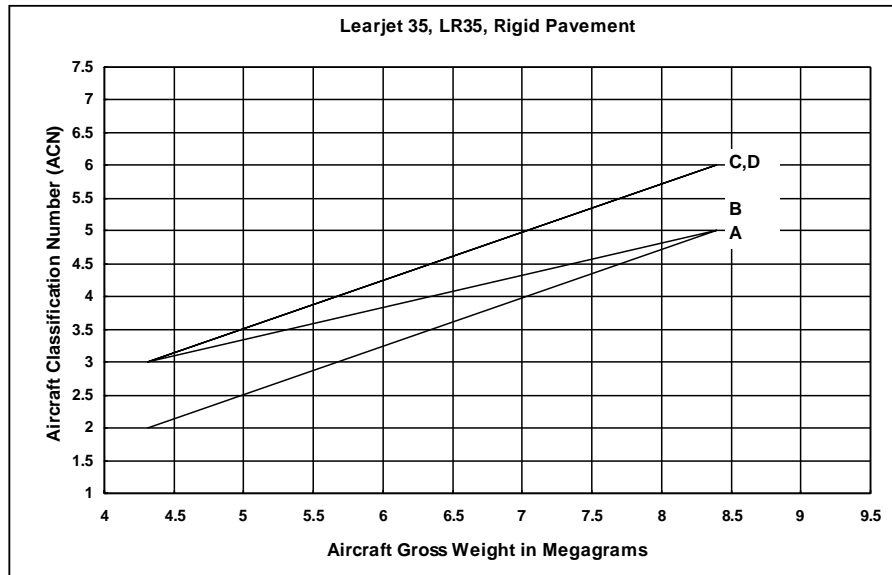
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.992	2	2	2	2
7.031	4	4	4	4

SOURCE: AFCESA 2002

Learjet 35, LR35



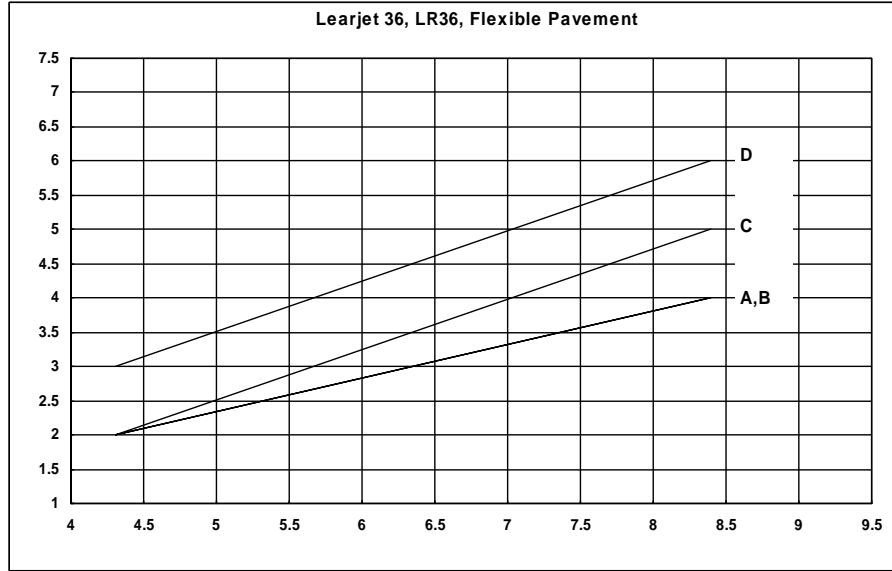
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.309	2	2	2	3
8.392	4	4	5	6



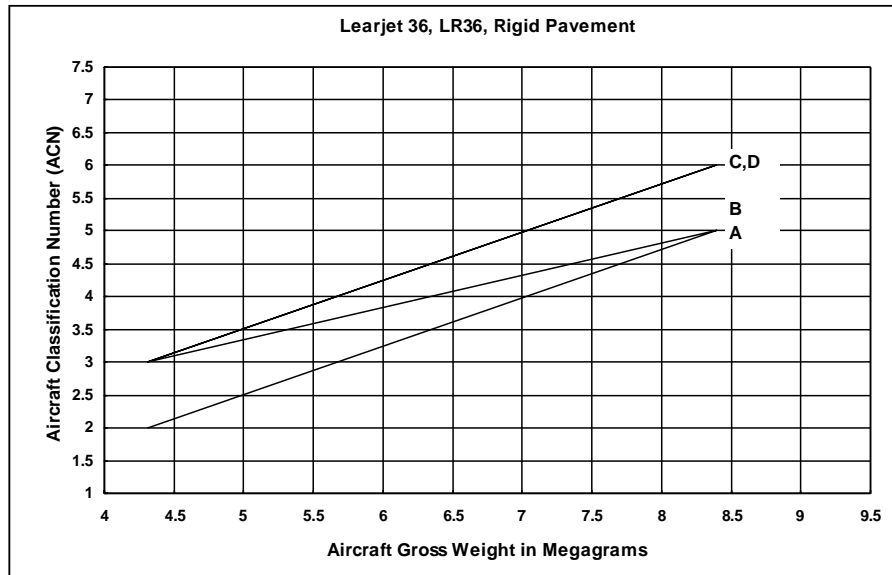
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.309	2	3	3	3
8.392	5	5	6	6

SOURCE: AFCESA 2002

Learjet 36, LR36



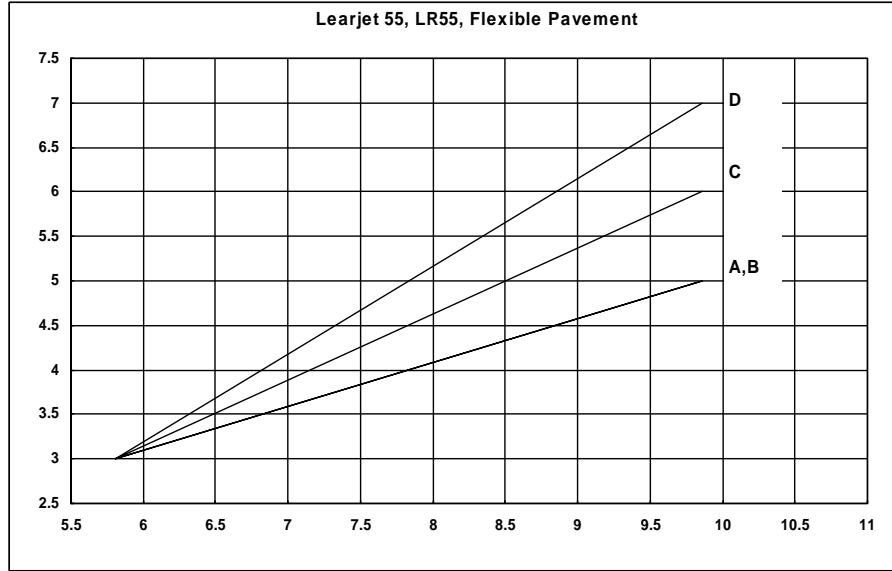
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.309	2	2	2	3
8.392	4	4	5	6



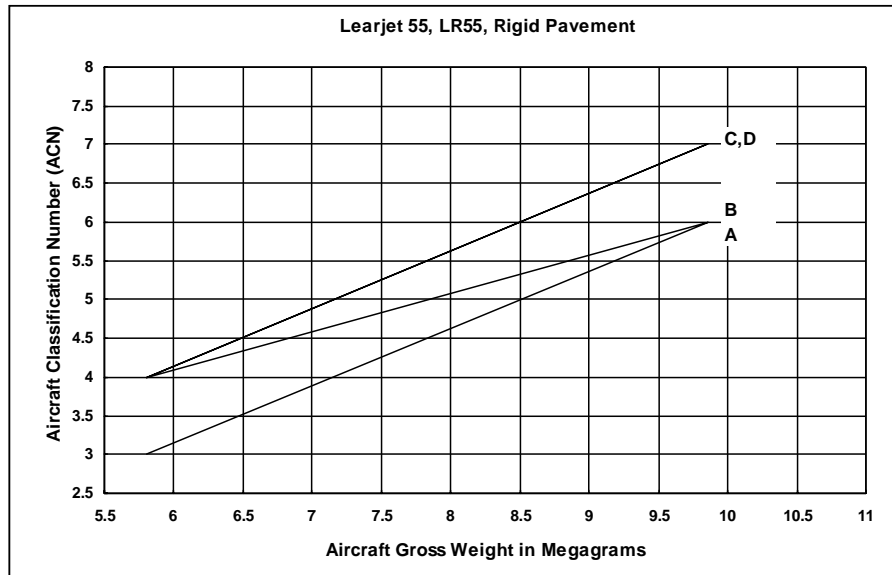
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.309	2	3	3	3
8.392	5	5	6	6

SOURCE: AFCESA 2002

Learjet 55, LR55



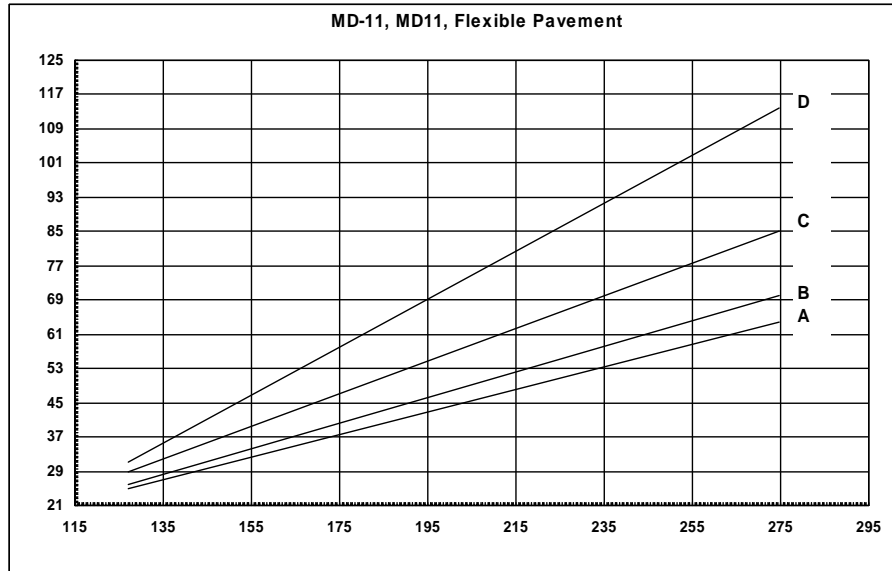
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.806	3	3	3	3
9.856	5	5	6	7



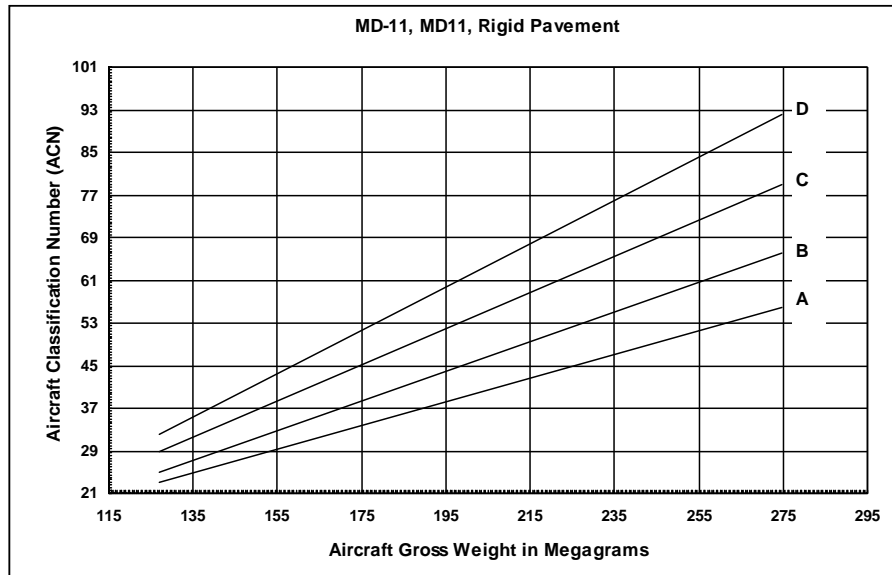
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.806	3	4	4	4
9.856	6	6	7	7

SOURCE: AFCESA 2002

MD-11, MD11



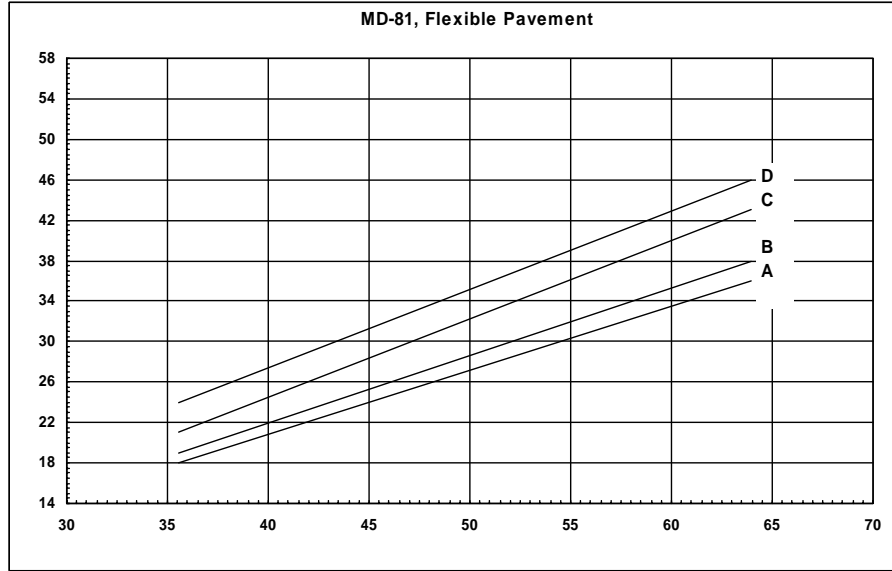
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
127	25	26	29	31
274.65	64	70	85	114



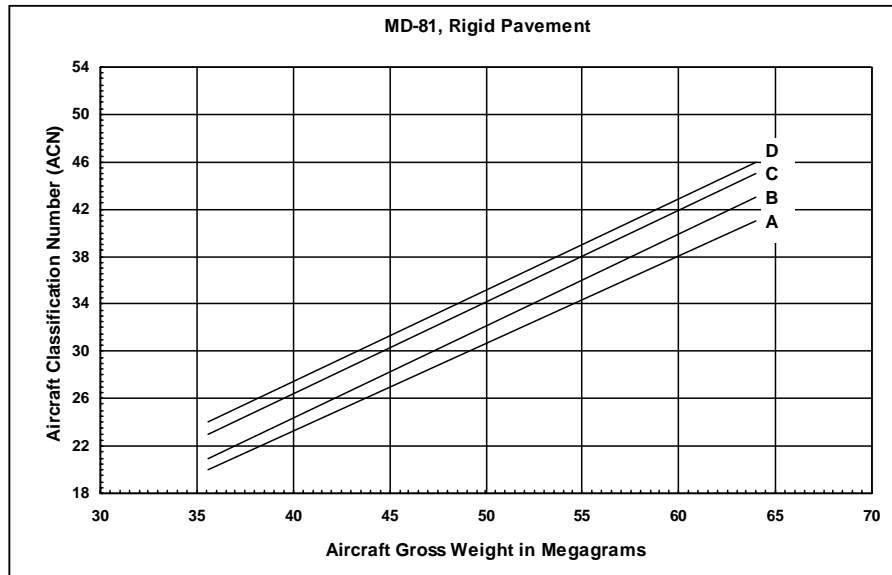
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
127	23	25	29	32
274.65	56	66	79	92

SOURCE: AFCESA 2002

MD-81



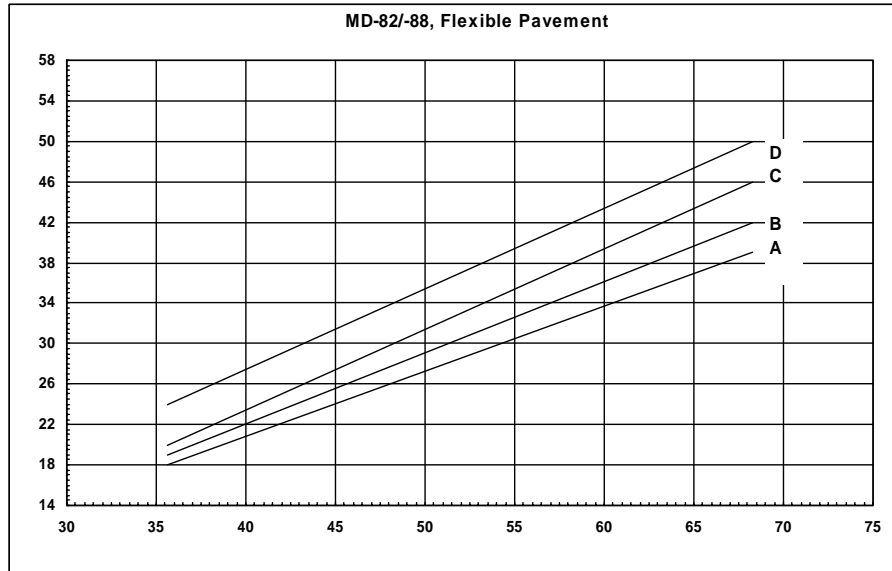
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
35.571	18	19	21	24
63.957	36	38	43	46



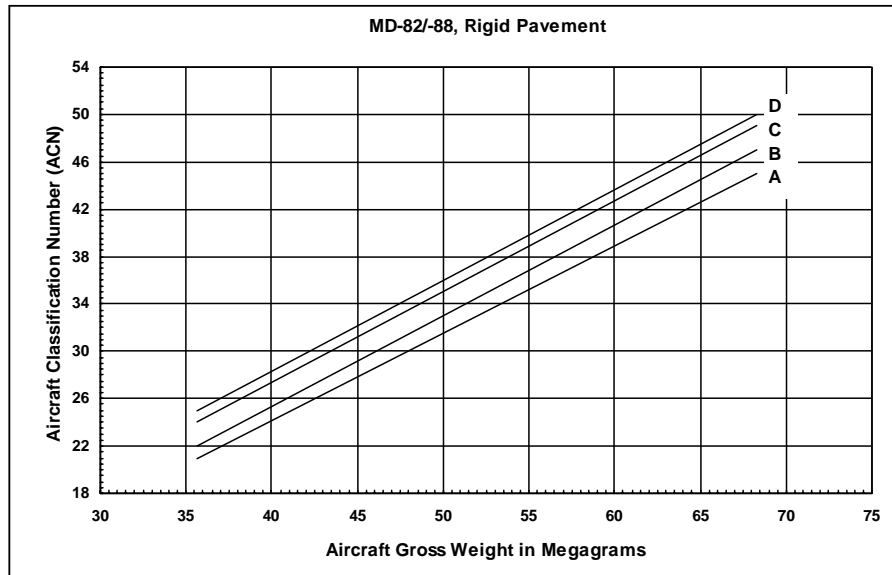
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
35.571	20	21	23	24
63.957	41	43	45	46

SOURCE: AFCESA 2002

MD-82/-88



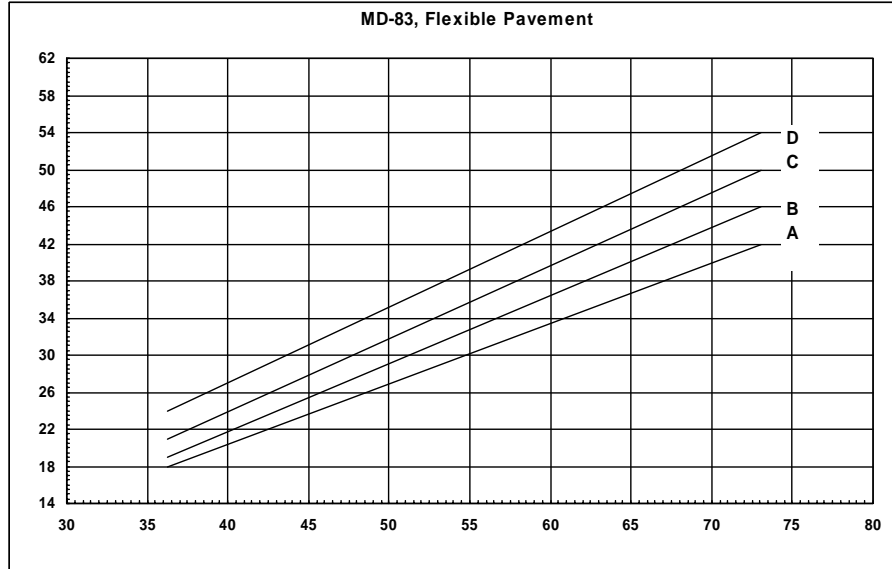
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
35.629	18	19	20	24
68.266	39	42	46	50



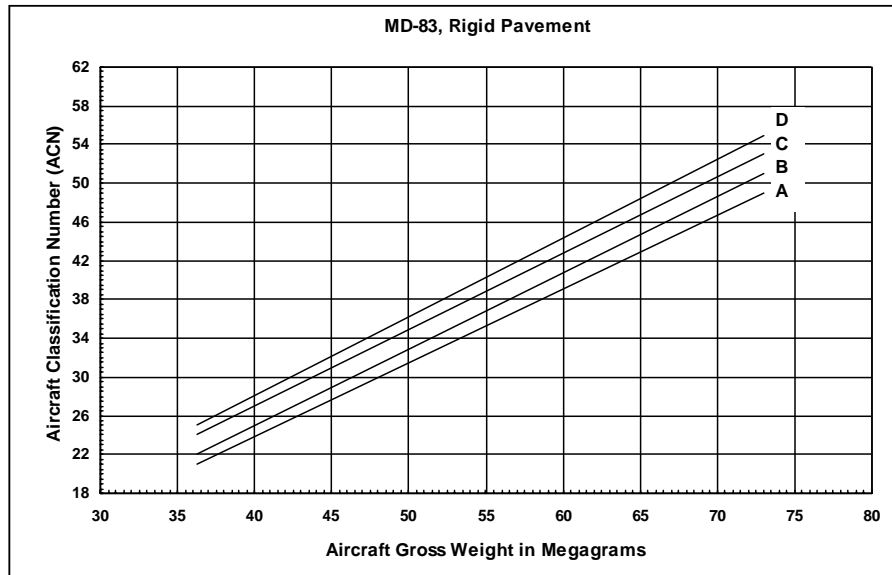
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
35.629	21	22	24	25
68.266	45	47	49	50

SOURCE: AFCESA 2002

MD-83



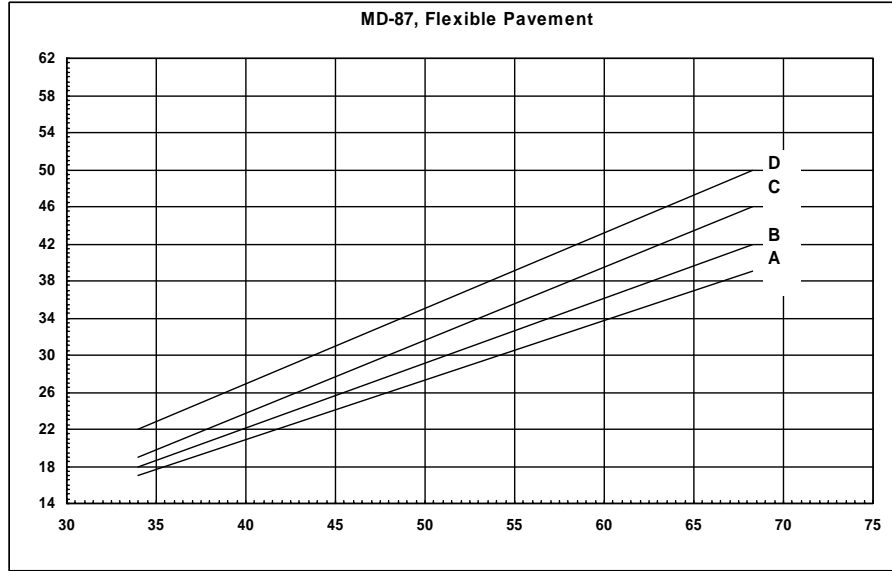
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
36.23	18	19	21	24
73.023	42	46	50	54



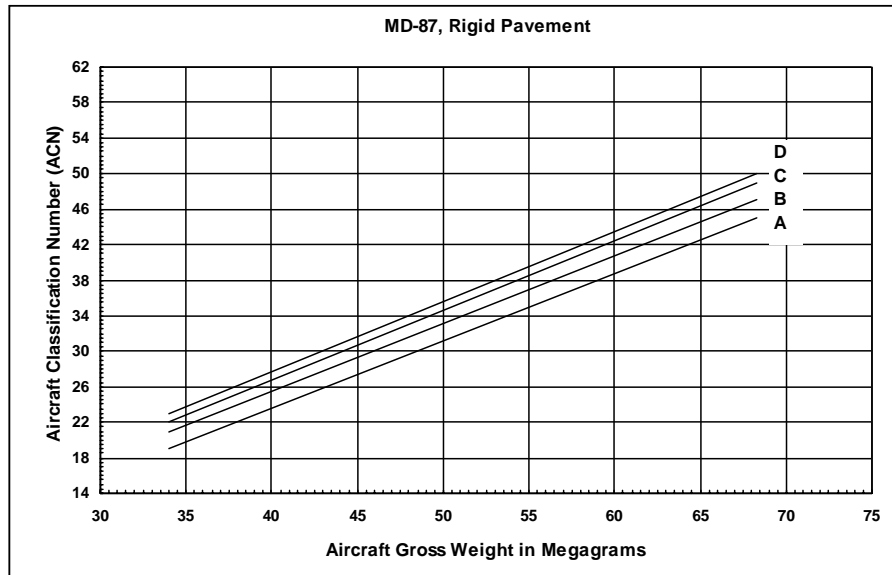
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
36.23	21	22	24	25
73.023	49	51	53	55

SOURCE: AFCESA 2002

MD-87



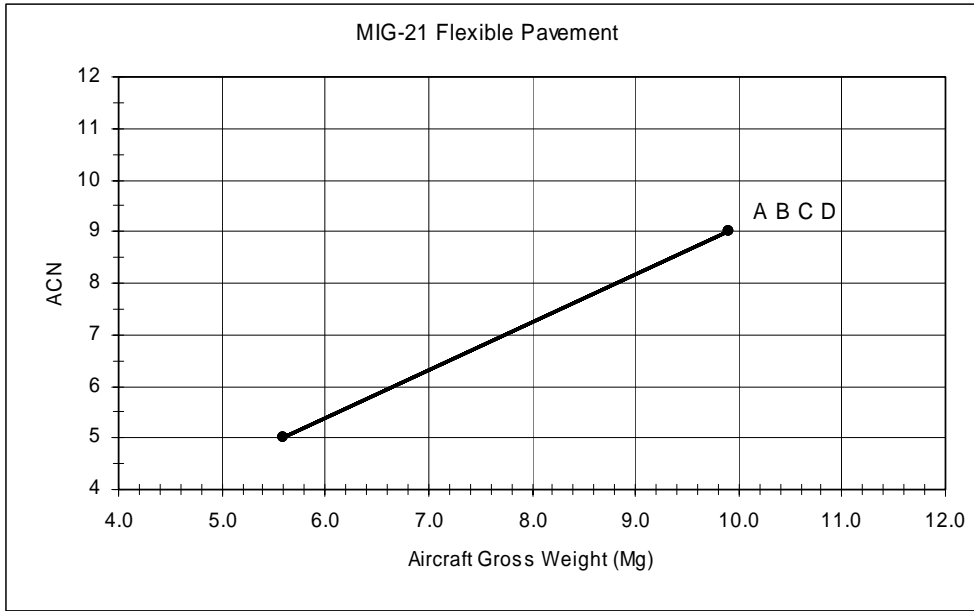
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
33.965	17	18	19	22
68.266	39	42	46	50



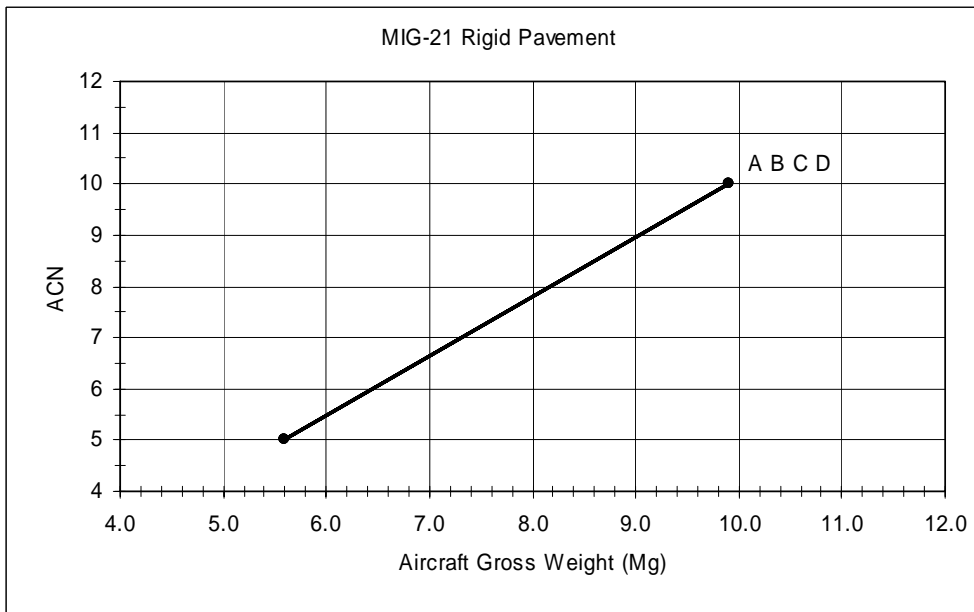
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
33.965	19	21	22	23
68.266	45	47	49	50

SOURCE: AFCESA 2002

MIG-21



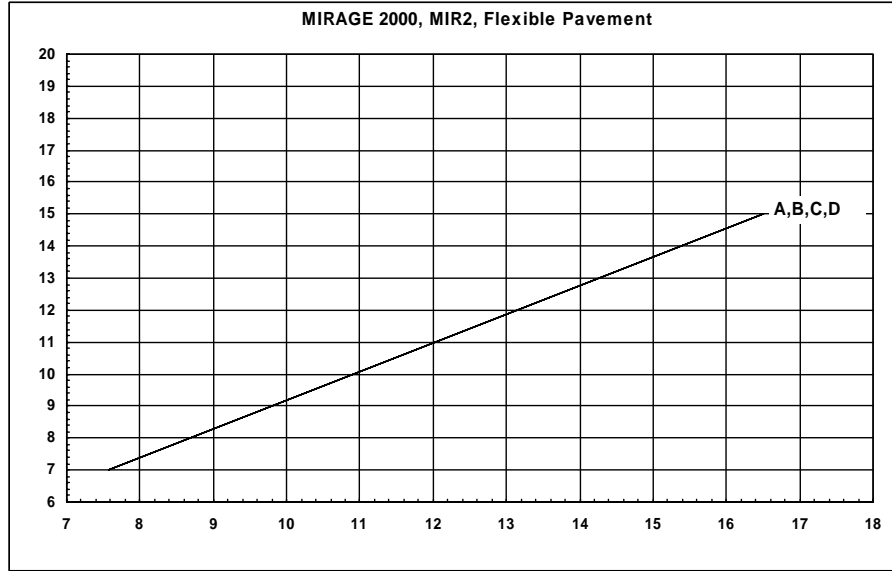
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.6	5	5	5	5
9.9	9	9	9	9



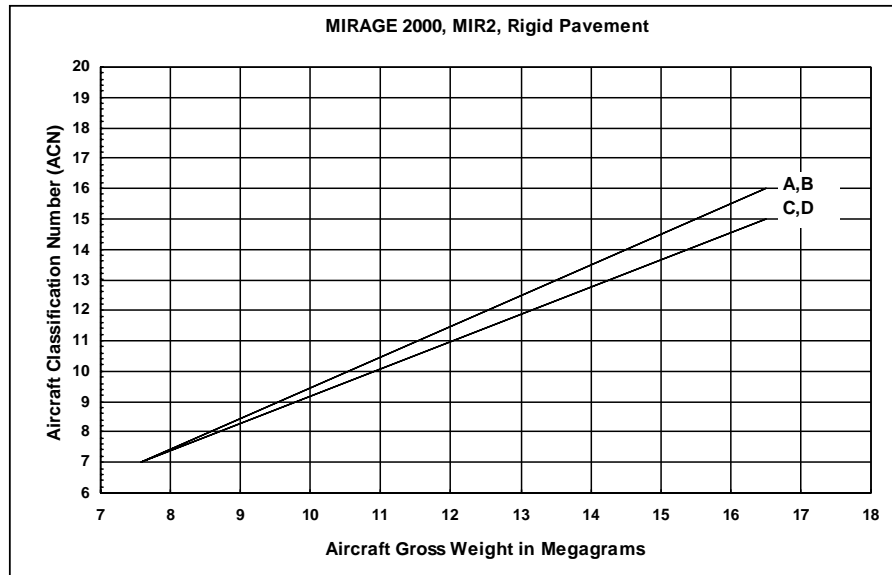
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.6	5	5	5	5
9.9	10	10	10	10

SOURCE: CZE 4/13/2005

MIRAGE 2000, MIR2



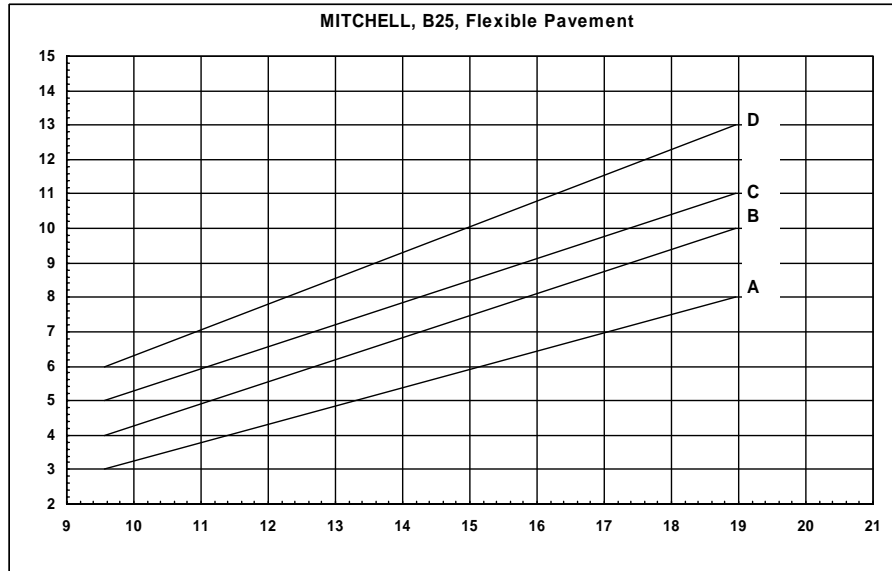
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.575	7	7	7	7
16.511	15	15	15	15



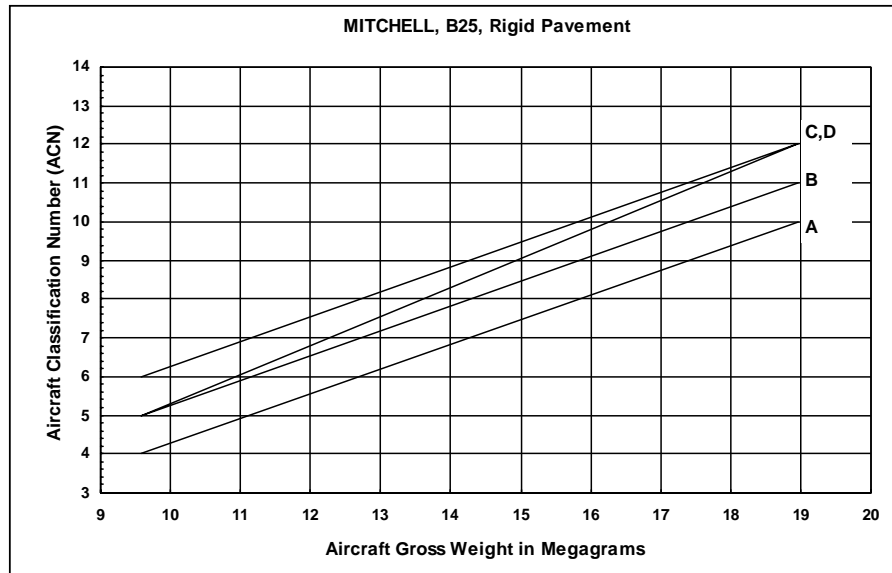
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.575	7	7	7	7
16.511	16	16	15	15

SOURCE: AFCESA 2002

MITCHELL, B25



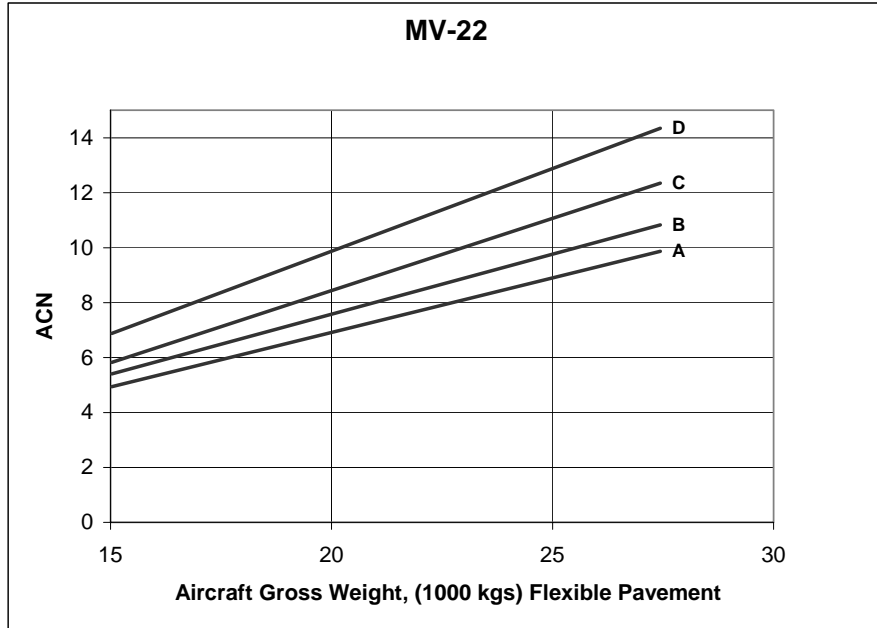
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.571	3	4	5	6
18.96	8	10	11	13



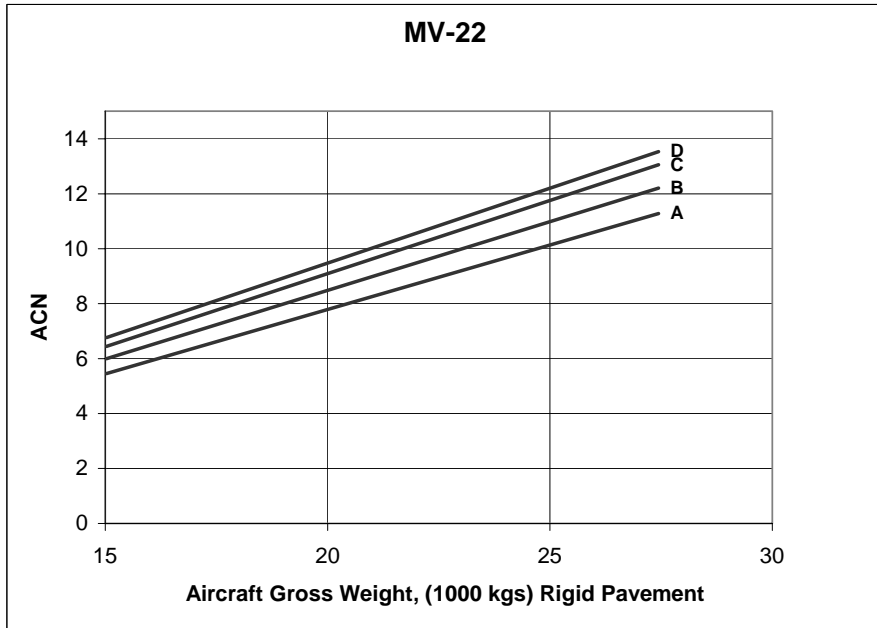
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.571	4	5	5	6
18.96	10	11	12	12

SOURCE: AFCESA 2002

MV-22



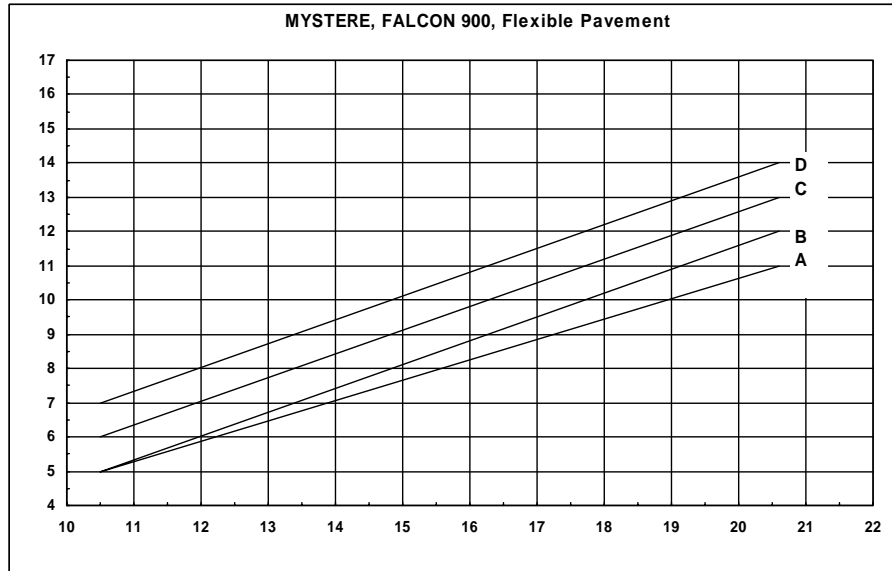
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
15 MIN	4.9	5.4	5.8	6.9
27.4 MAX	9.9	10.8	12.3	14.3



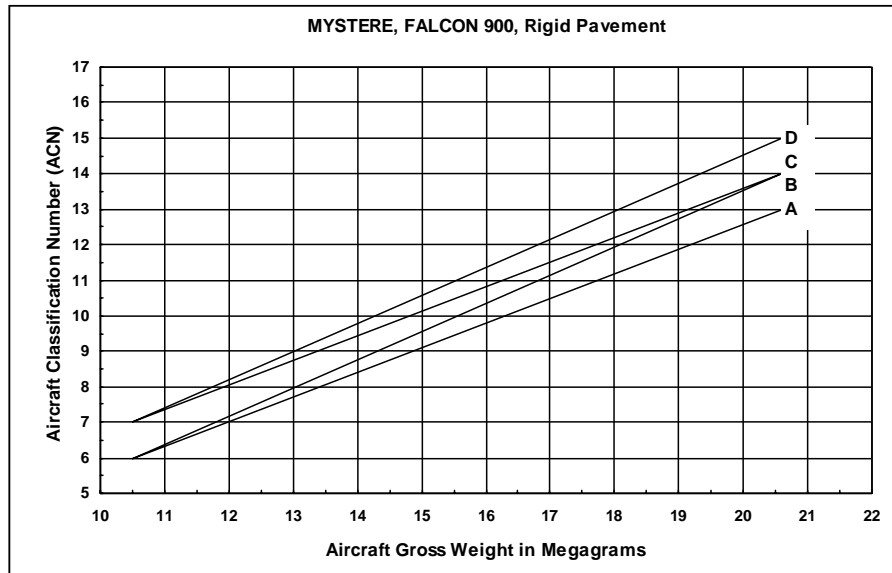
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
15 MIN	5.5	6.0	6.4	6.8
27.4 MAX	11.3	12.2	13.0	13.5

SOURCE: PCASE 2003

MYSTERE, FALCON 900



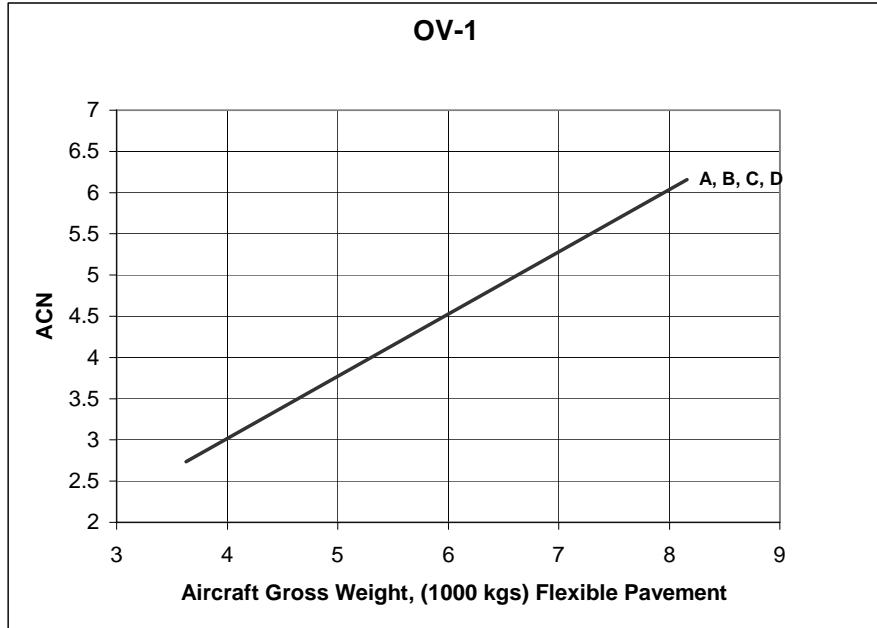
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
10.5	5	5	6	7
20.6	11	12	13	14



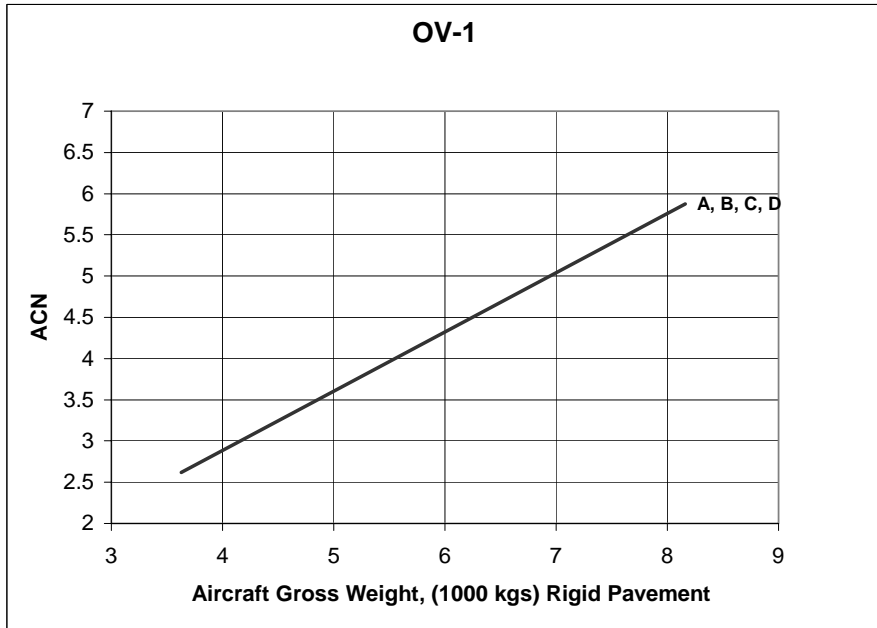
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
10.5	6	6	7	7
20.6	13	14	14	15

SOURCE: AFCESA 2002

OV-1



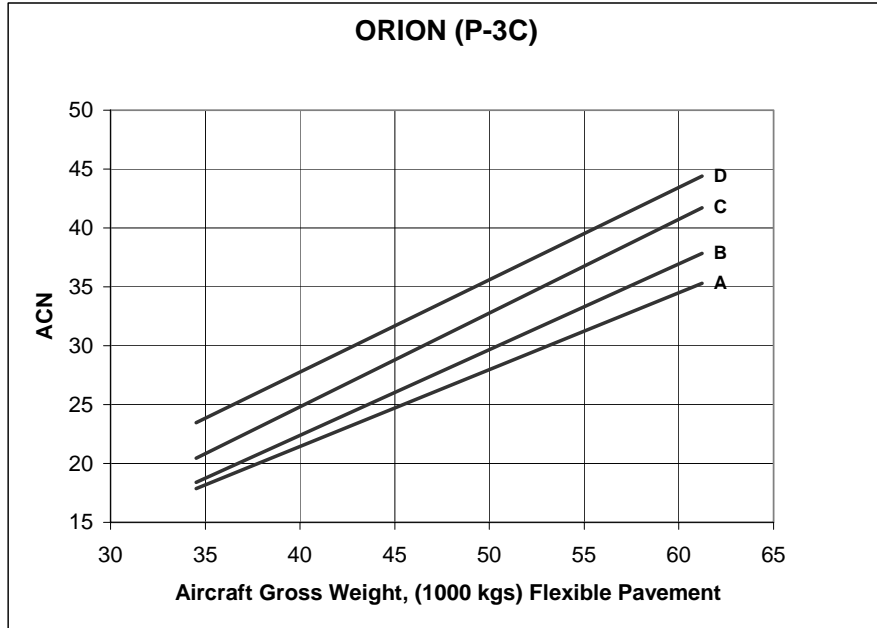
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.6 MIN	2.7	2.7	2.7	2.7
8.2 MAX	6.2	6.2	6.2	6.2



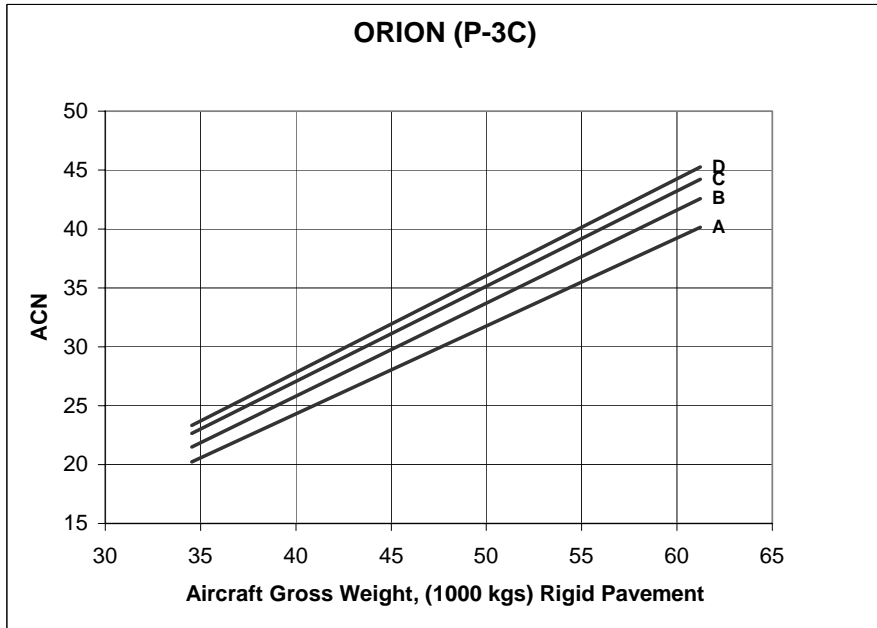
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.6 MIN	2.6	2.6	2.6	2.6
8.2 MAX	5.9	5.9	5.9	5.9

SOURCE: PCASE 2003

P-3C, ORION



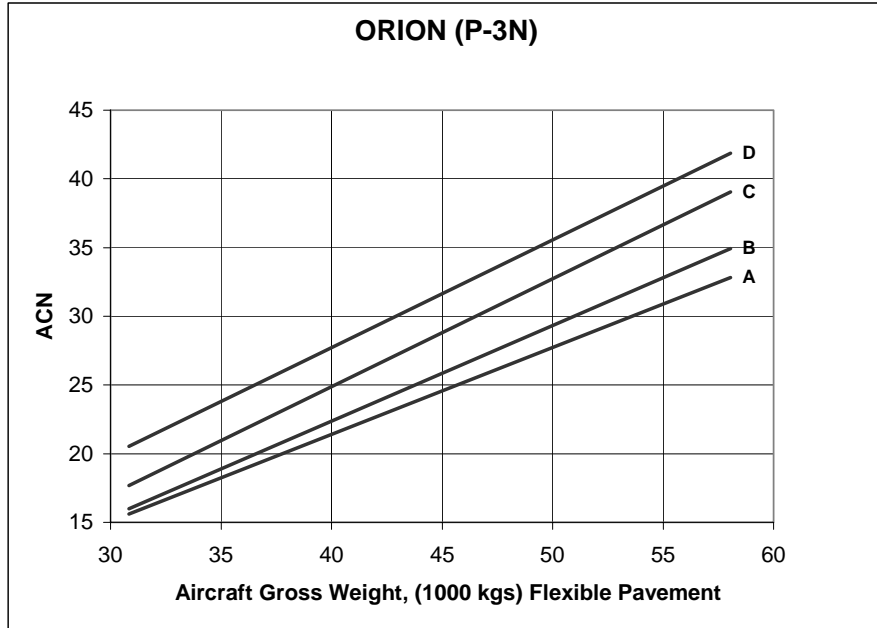
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
34.5 MIN	17.9	18.4	20.4	23.5
61.2 MAX	35.3	37.8	41.7	44.4



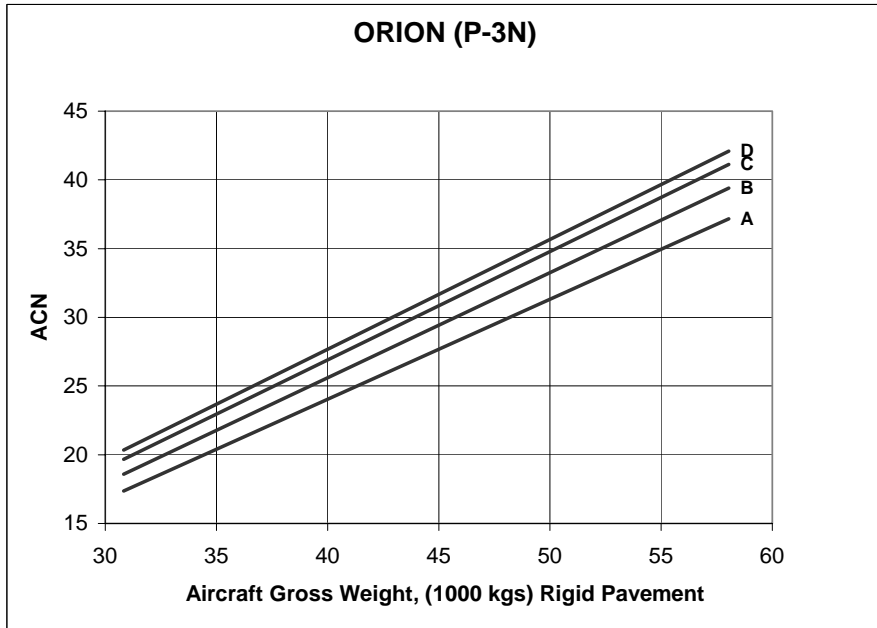
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
34.5 MIN	20.2	21.5	22.7	23.3
61.2 MAX	40.1	42.6	44.2	45.2

SOURCE: PCASE 2003

P-3N, ORION



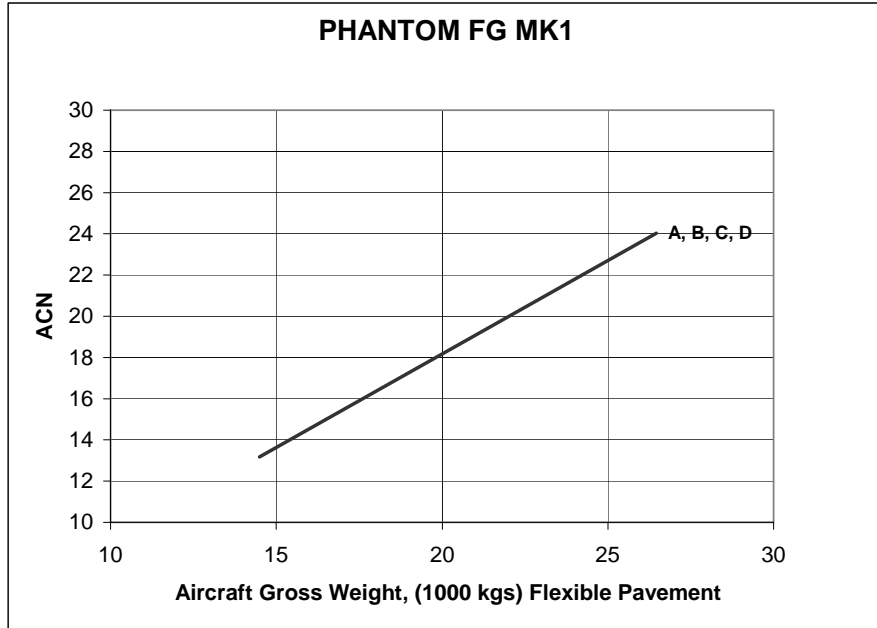
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
30.8 MIN	15.6	16.0	17.7	20.5
58 MAX	32.8	34.9	39.1	41.9



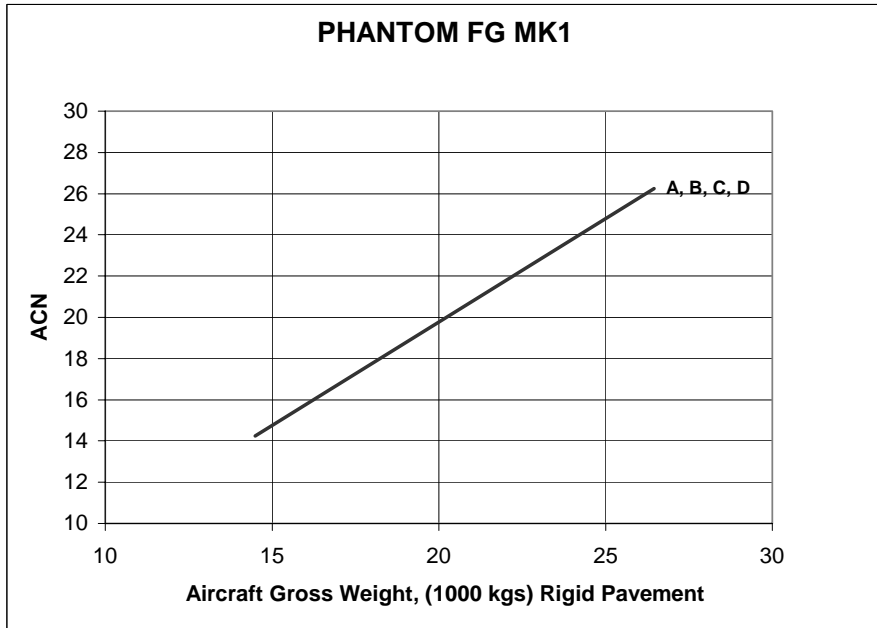
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
30.8 MIN	17.4	18.6	19.7	20.3
58 MAX	37.2	39.4	41.1	42.1

SOURCE: PCASE 2003

PHANTOM FG MK1



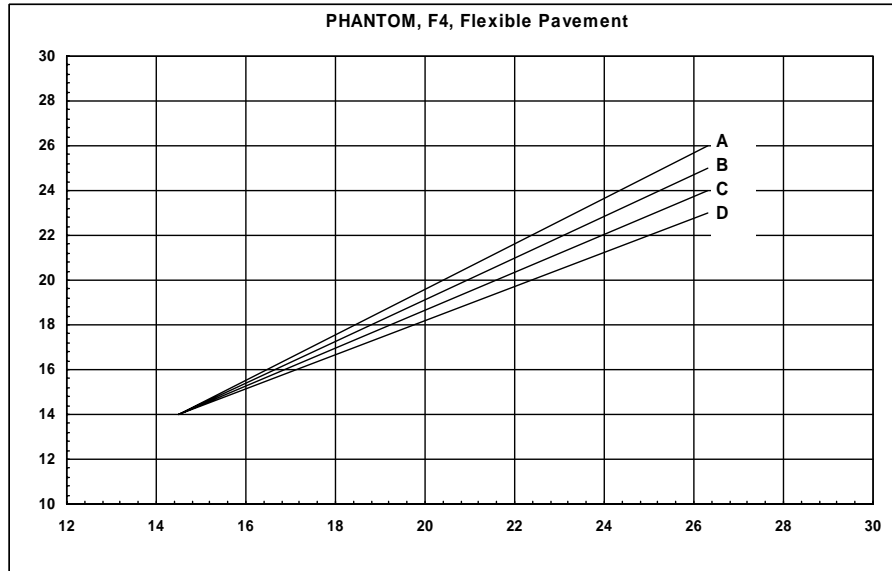
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.5 MIN	13.2	13.2	13.2	13.2
26.5 MAX	24.0	24.0	24.0	24.0



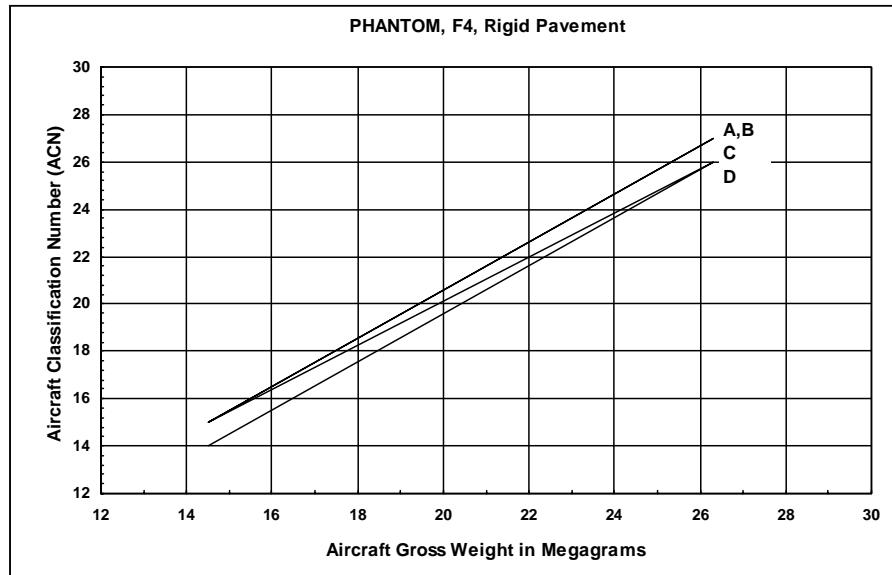
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.5 MIN	14.2	14.2	14.2	14.2
26.5 MAX	26.2	26.2	26.2	26.2

SOURCE: PCASE 2003

PHANTOM, F4



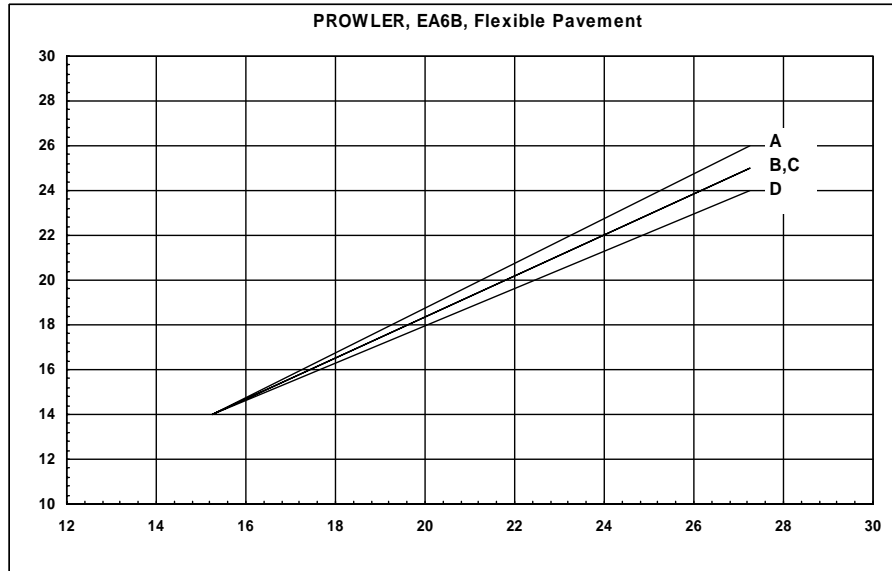
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.515	14	14	14	14
26.308	26	25	24	23



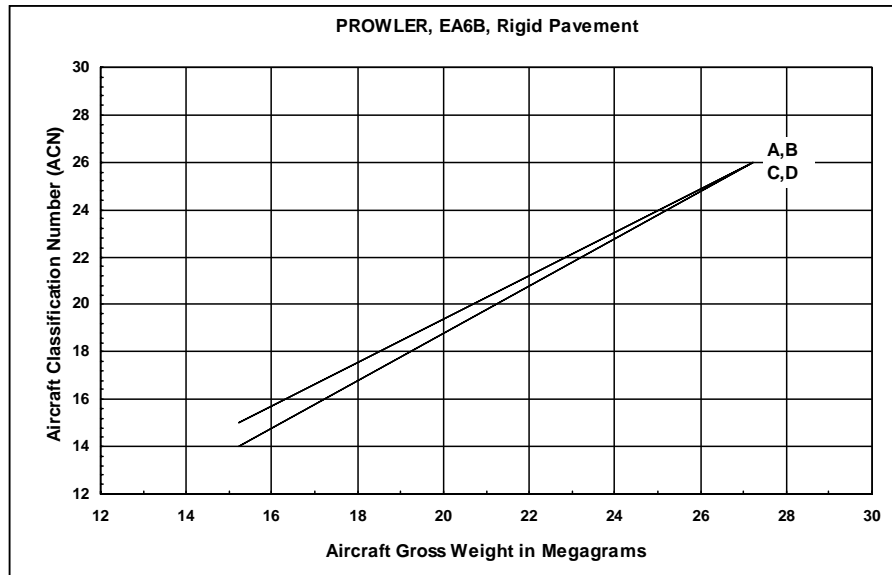
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.515	15	15	15	14
26.308	27	27	26	26

SOURCE: AFCESA 2002

PROWLER, EA6B



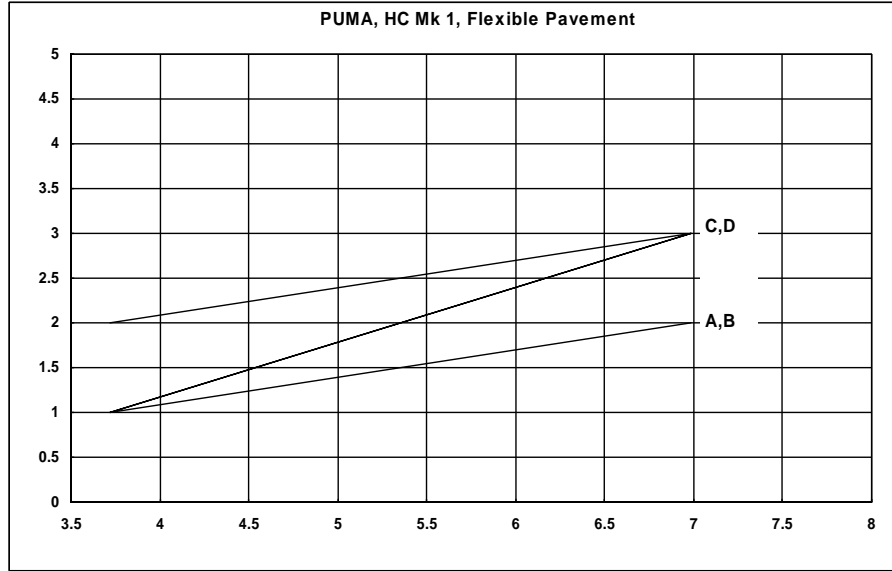
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
15.244	14	14	14	14
27.236	26	25	25	24



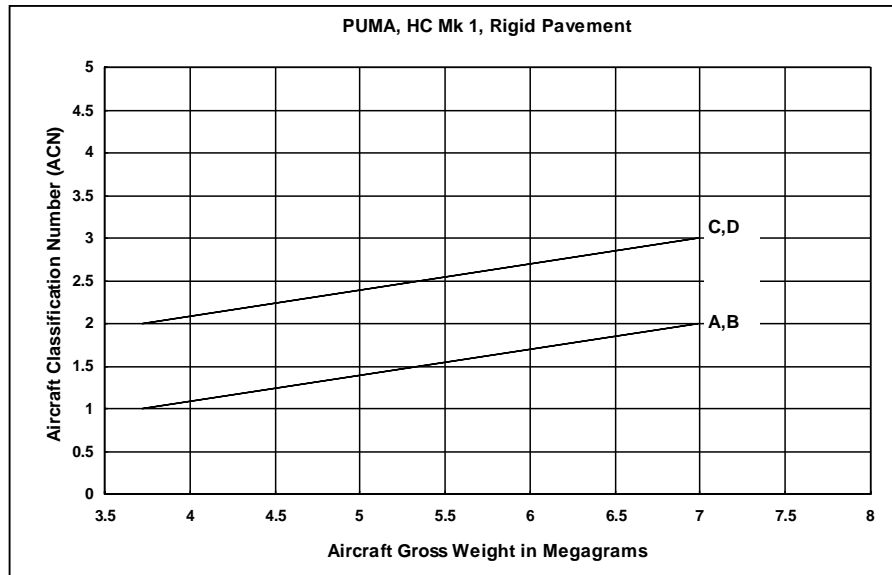
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
15.244	15	15	14	14
27.236	26	26	26	26

SOURCE: AFCESA 2002

PUMA, HC Mk 1



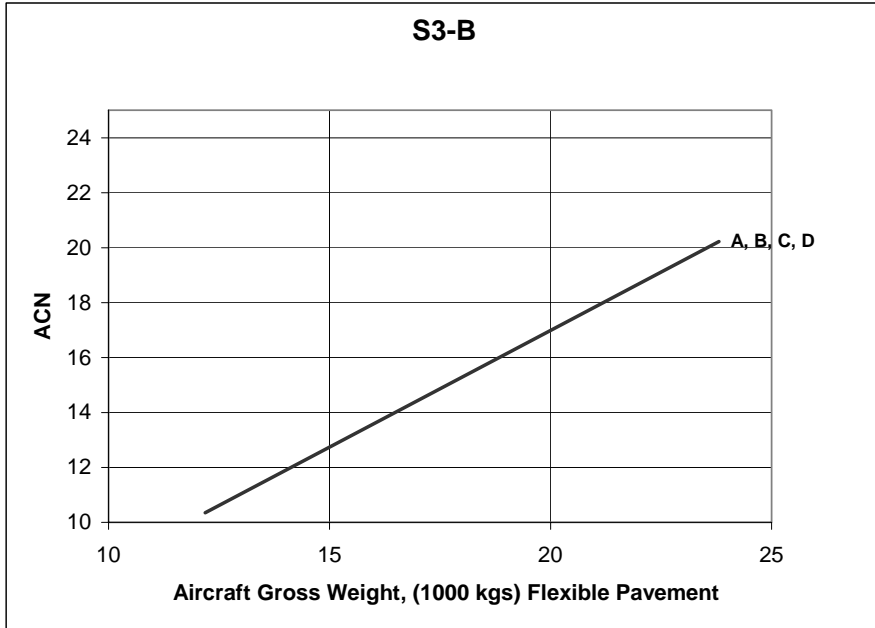
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.719	1	1	1	2
6.985	2	3	3	3



Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.719	1	1	2	2
6.985	2	2	3	3

SOURCE: AFCESA 2002

S3-B



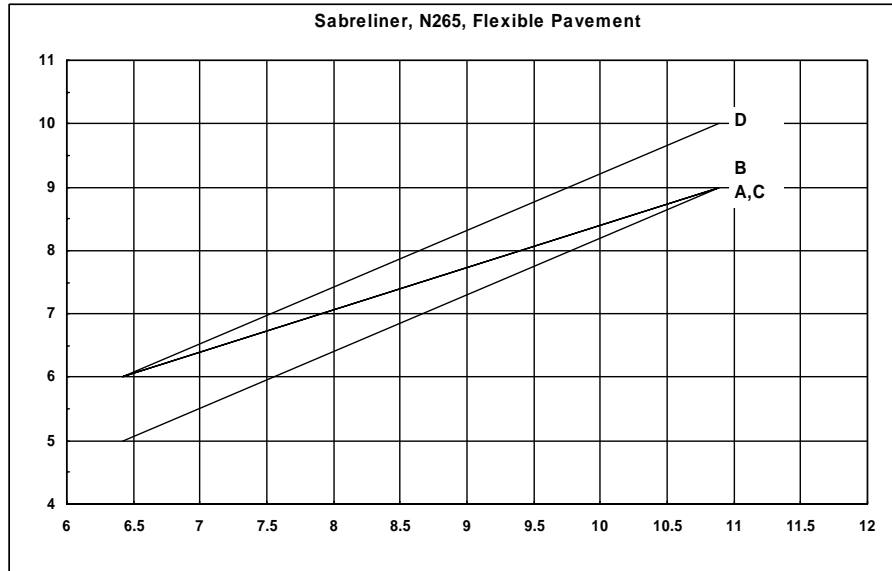
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
12.2 MIN	10.3	10.3	10.3	10.3
23.8 MAX	20.2	20.2	20.2	20.2



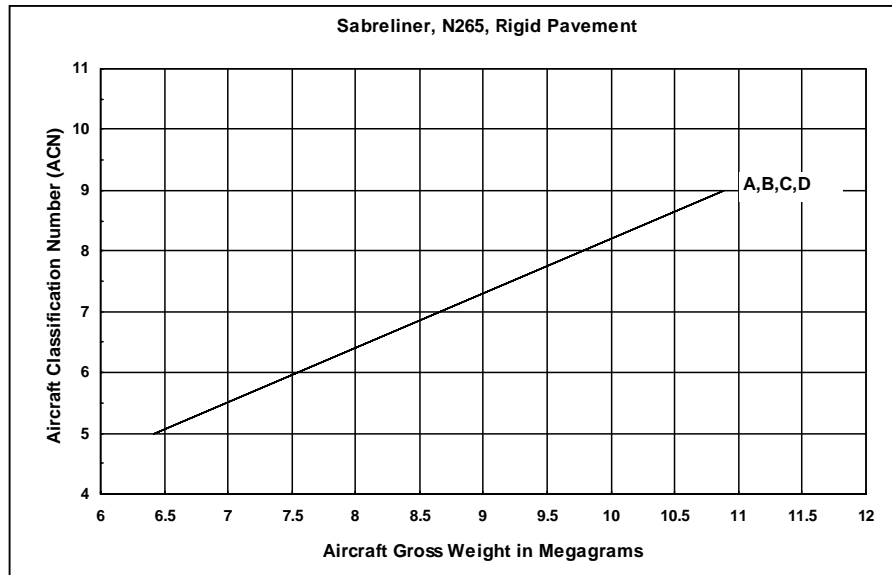
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
12.2 MIN	10.8	10.8	10.8	10.8
23.8 MAX	21.4	21.4	21.4	21.4

SOURCE: PCASE 2003

SABRELINER, N265



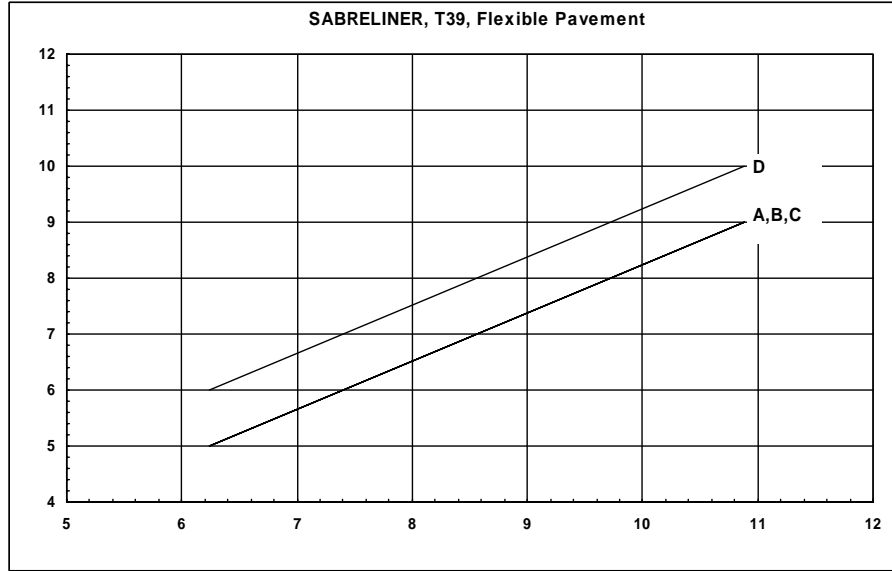
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.42	6	5	6	6
10.886	9	9	9	10



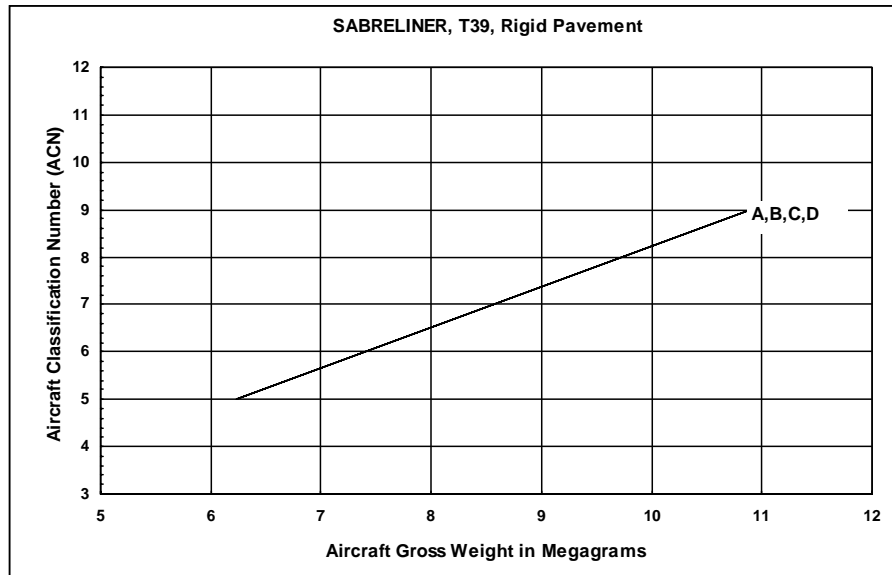
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.42	5	5	5	5
10.886	9	9	9	9

SOURCE: AFCEA 2002

SABRELINER, T39



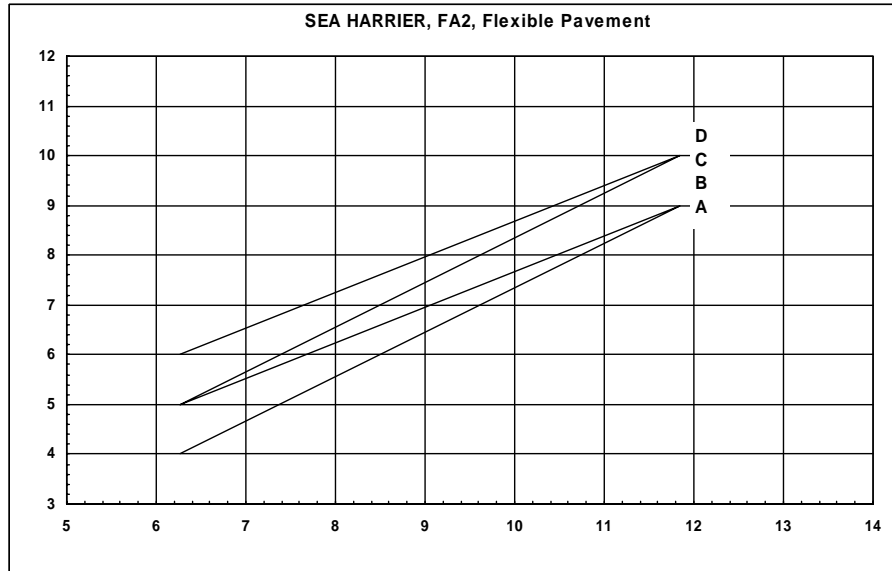
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.237	5	5	5	6
10.886	9	9	9	10



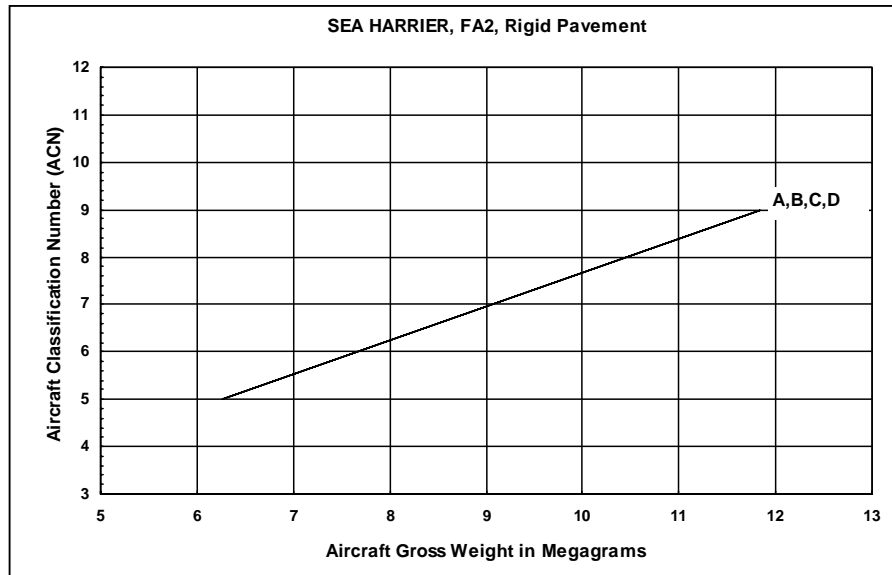
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.237	5	5	5	5
10.886	9	9	9	9

SOURCE: AFCESA 2002

SEA HARRIER, FA2



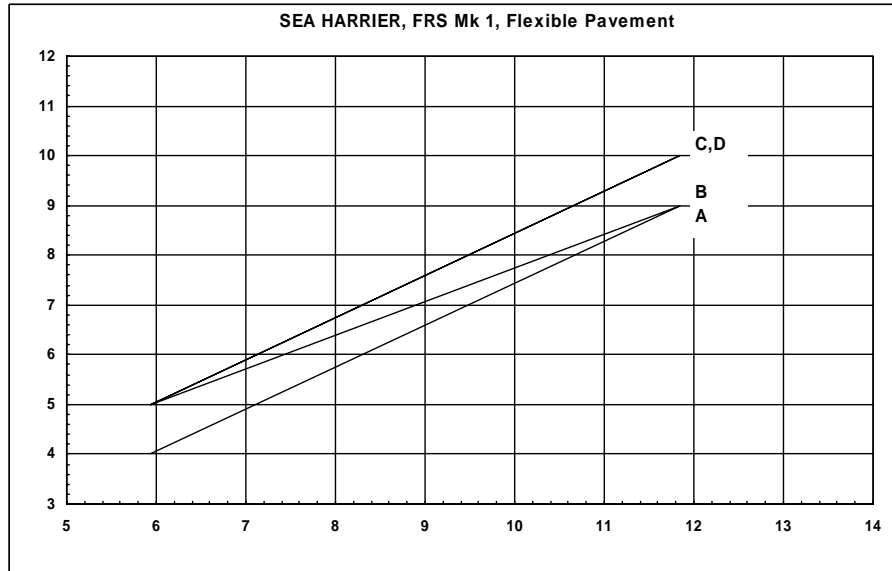
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.259	4	5	5	6
11.844	9	9	10	10



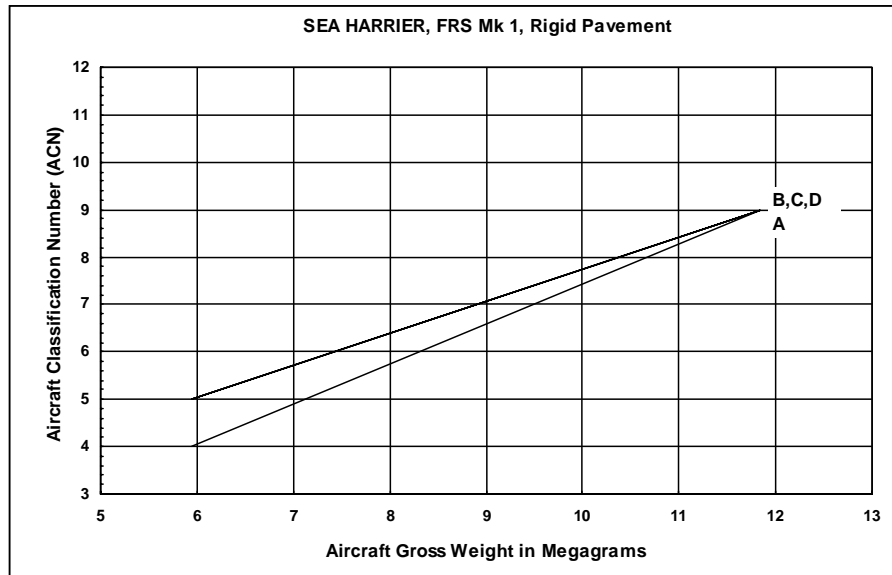
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.259	5	5	5	5
11.844	9	9	9	9

SOURCE: AFCESA 2002

SEA HARRIER, FRS Mk 1



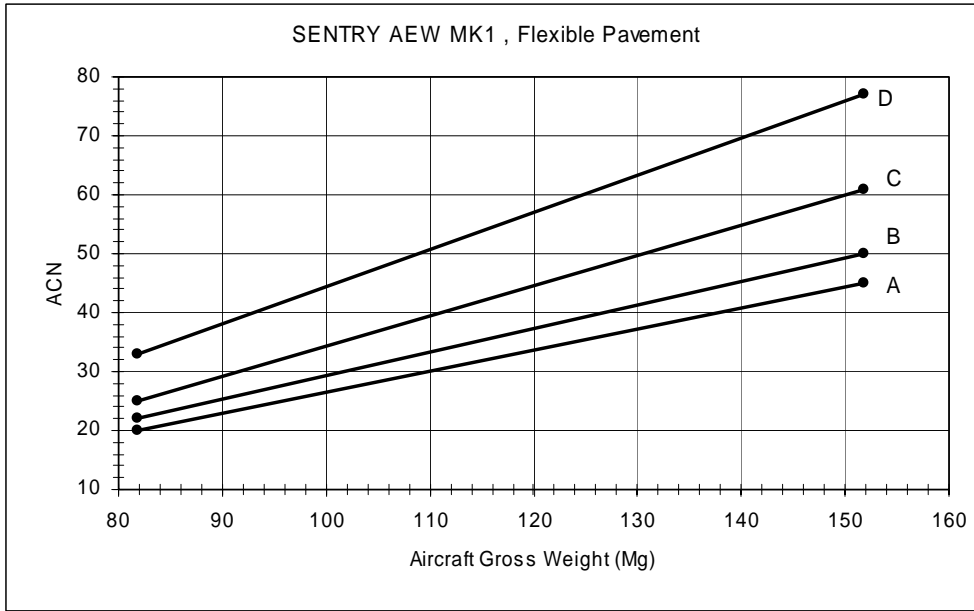
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.942	4	5	5	5
11.844	9	9	10	10



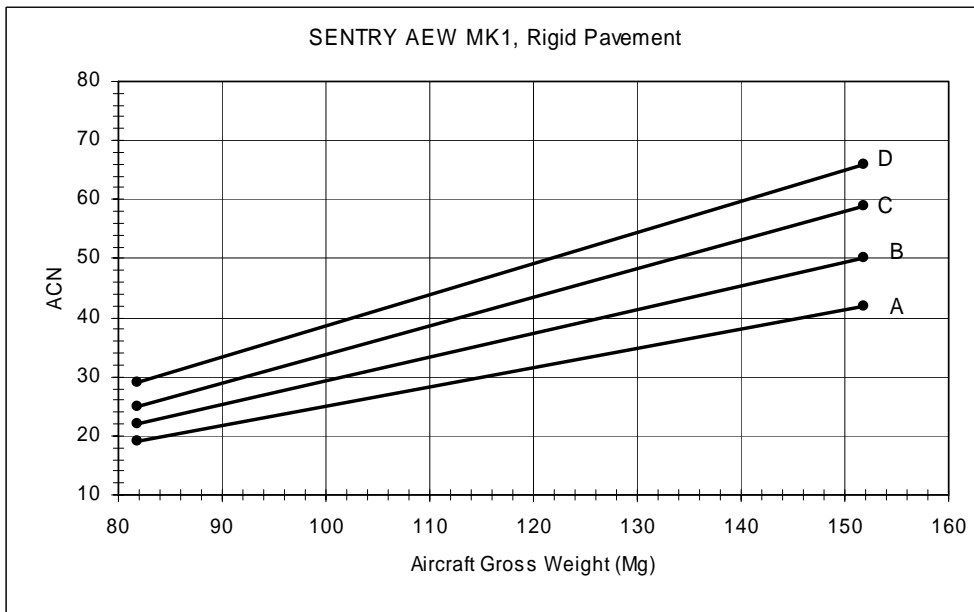
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.942	4	5	5	5
11.844	9	9	9	9

SOURCE: AFCESA 2002

SENTRY, AEW Mk 1



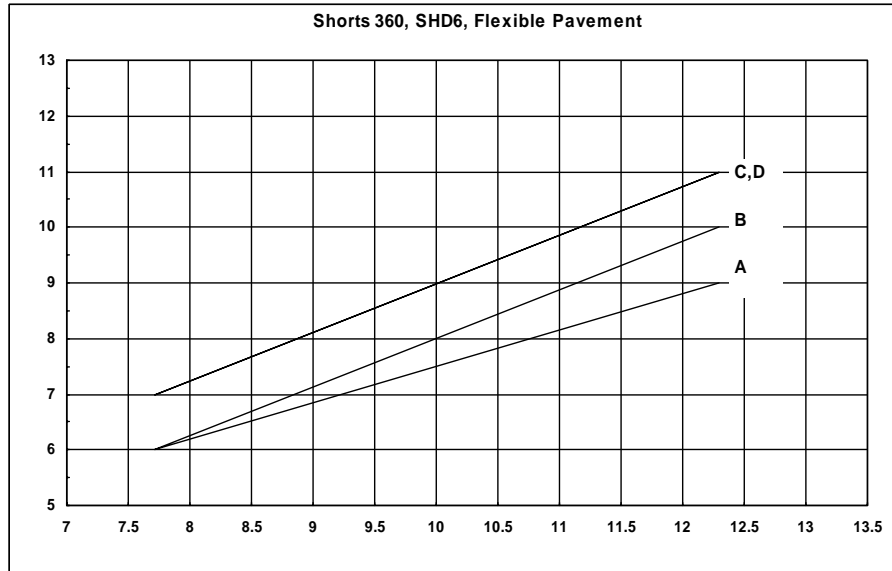
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
81.9	20	22	25	33
151.8	45	50	61	77



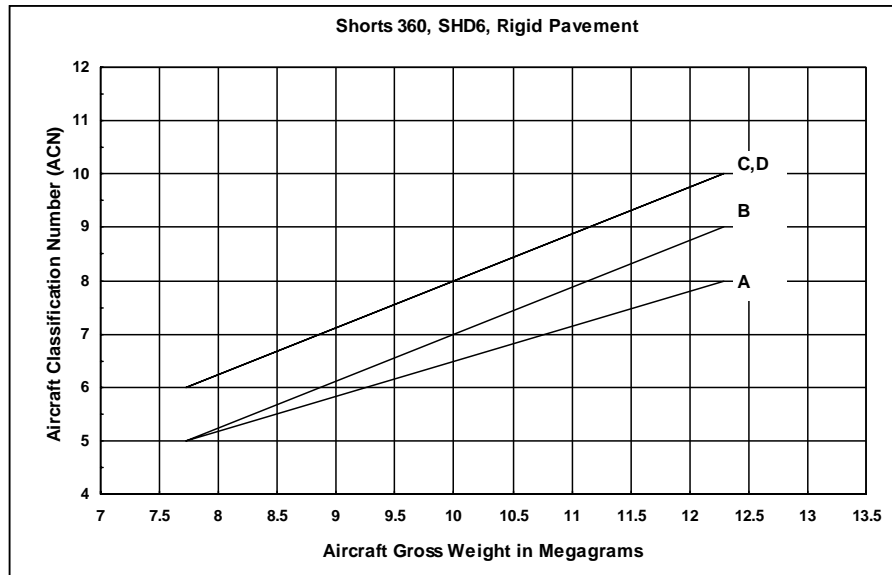
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
83.9	19	22	25	29
151.8	42	50	59	66

SOURCE: GBR 6/28/2005

SHORTS 360, SHD6



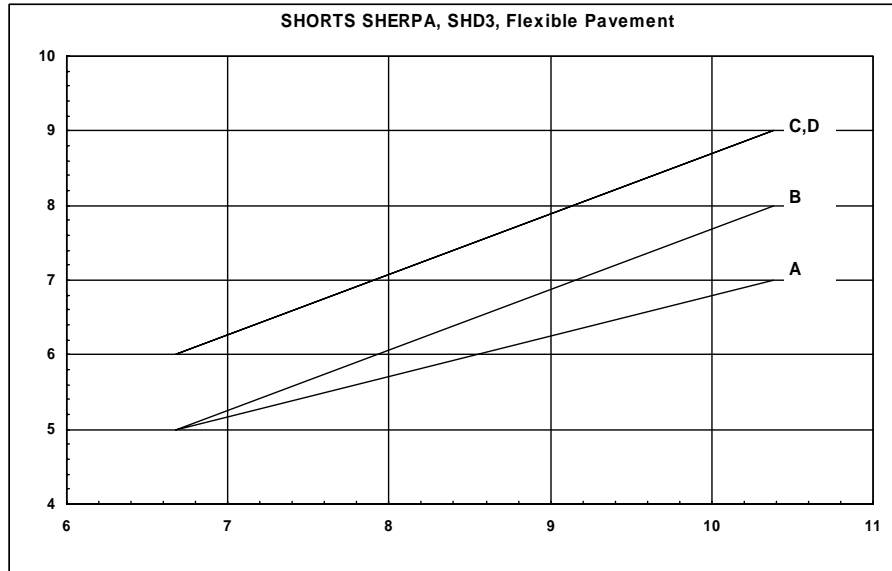
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
7.72	6	6	7	7
12.292	9	10	11	11



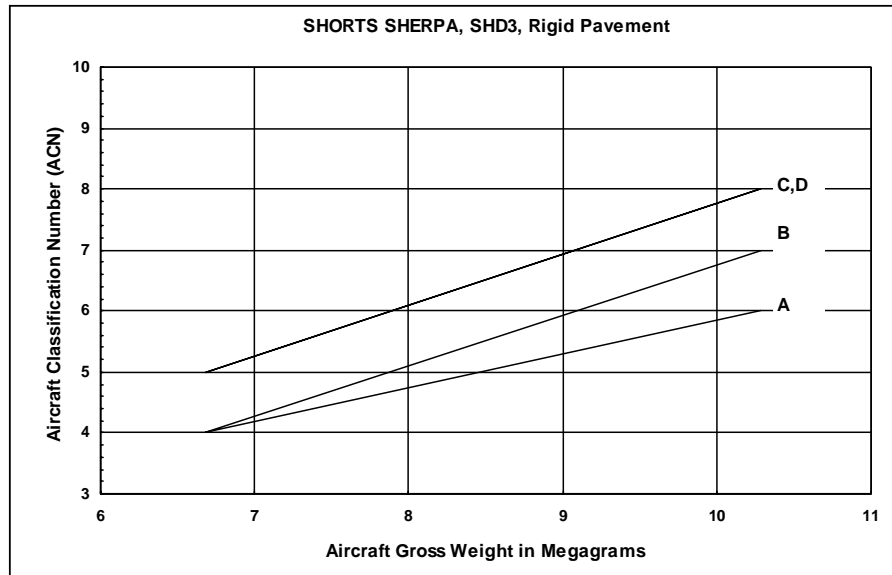
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
7.72	5	5	6	6
12.292	8	9	10	10

SOURCE: AFCESA 2002

SHORTS SHERPA, SHD3



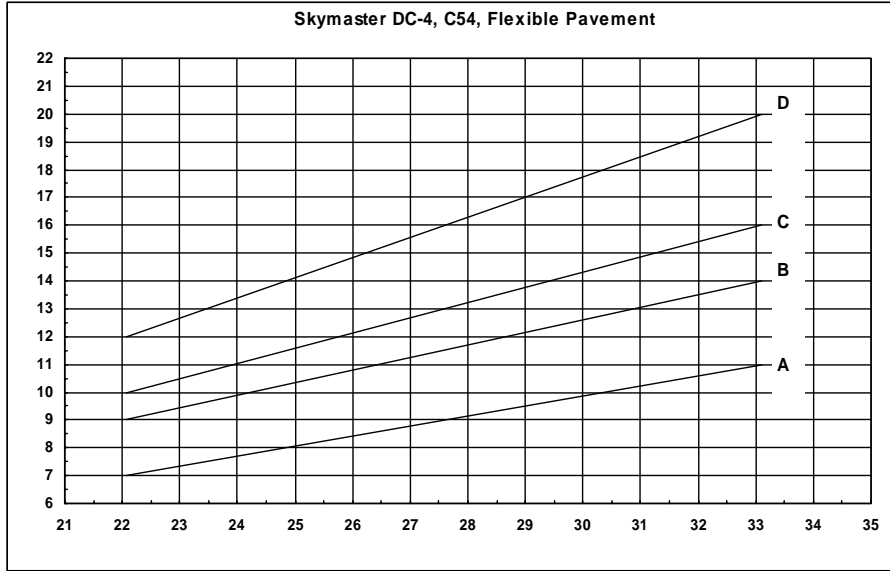
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.68	5	5	6	6
10.387	7	8	9	9



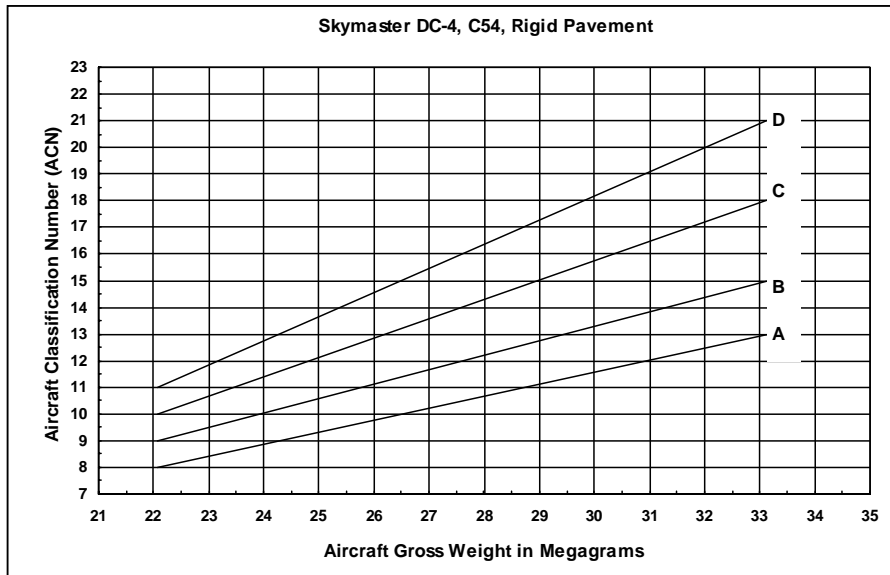
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.68	4	4	5	5
10.287	6	7	8	8

SOURCE: AFCEA 2002

Skymaster DC-4, C54



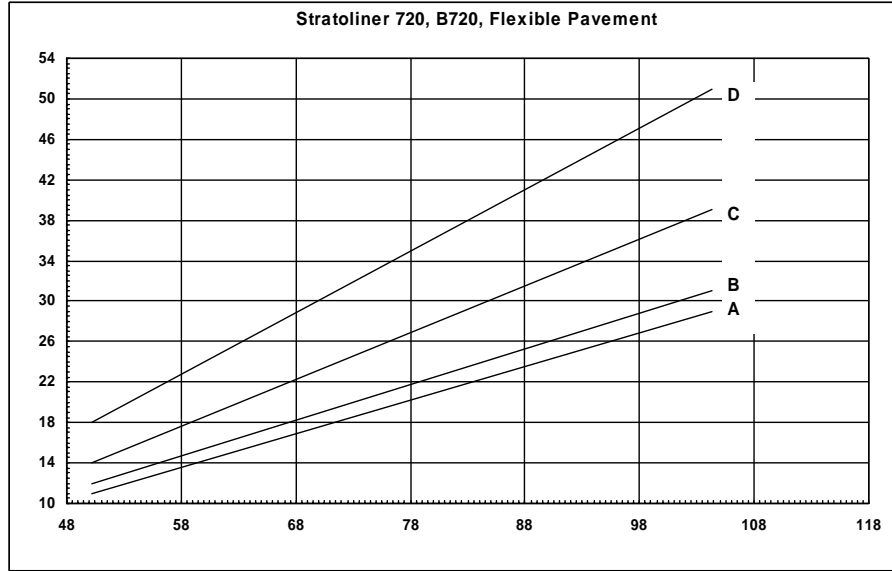
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
22.075	7	9	10	12
33.113	11	14	16	20



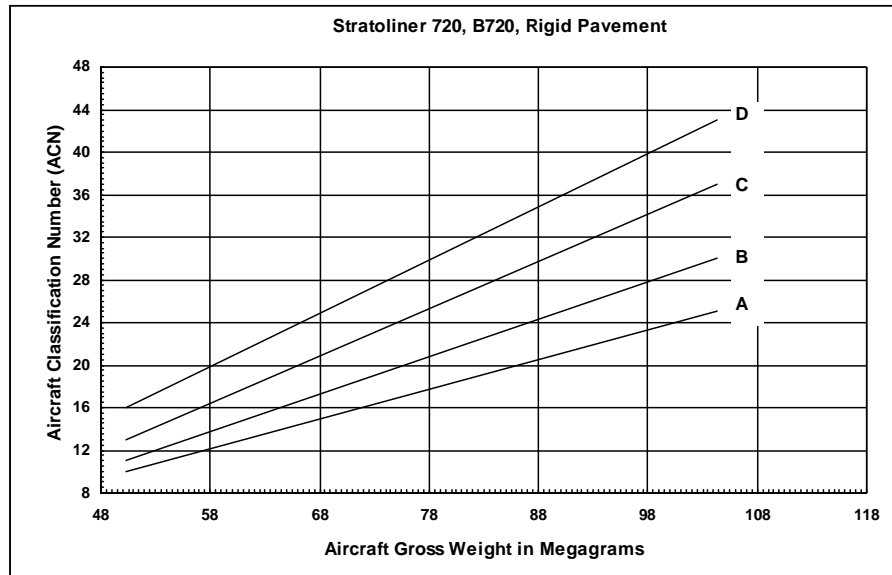
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
22.075	8	9	10	11
33.113	13	15	18	21

SOURCE: AFCESA 2002

Stratoliner 720, B720



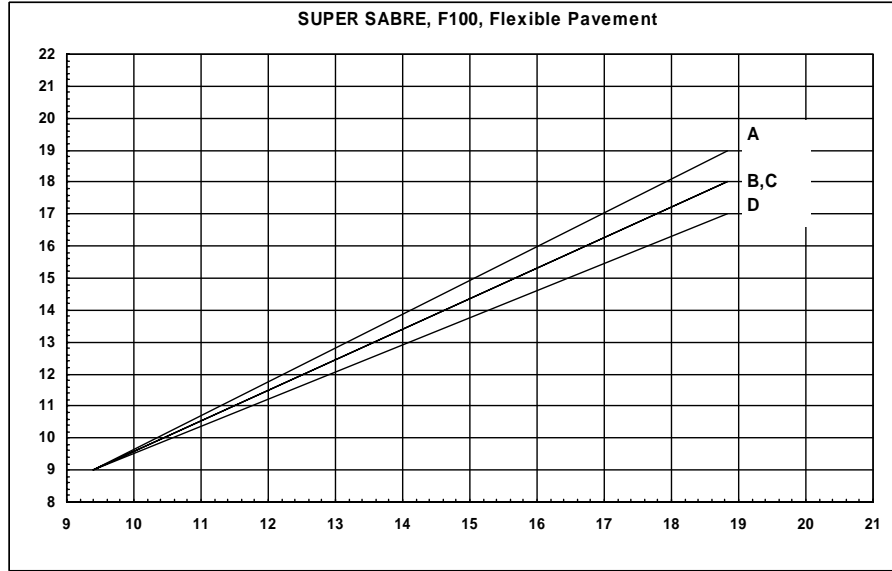
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
50.258	11	12	14	18
104.326	29	31	39	51



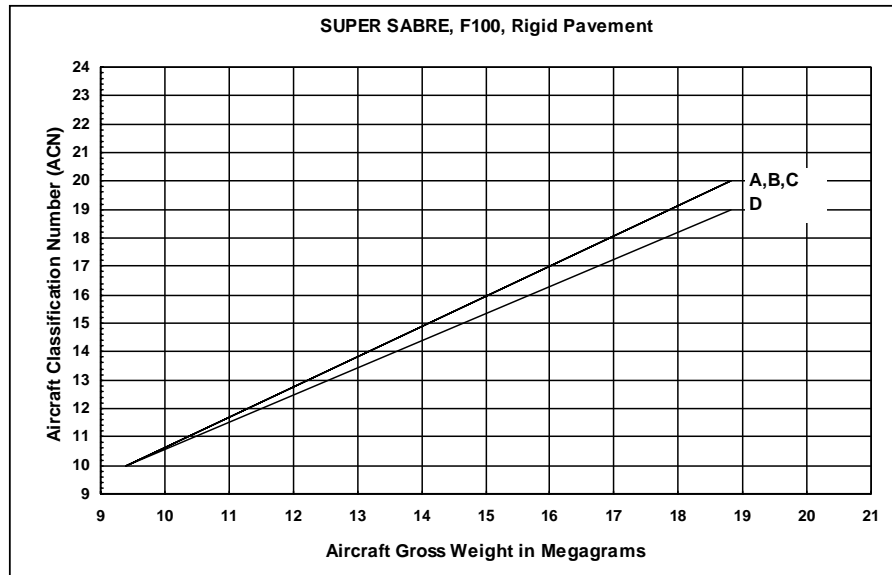
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
50.258	10	11	13	16
104.326	25	30	37	43

SOURCE: AFCESA 2002

SUPER SABRE, F100



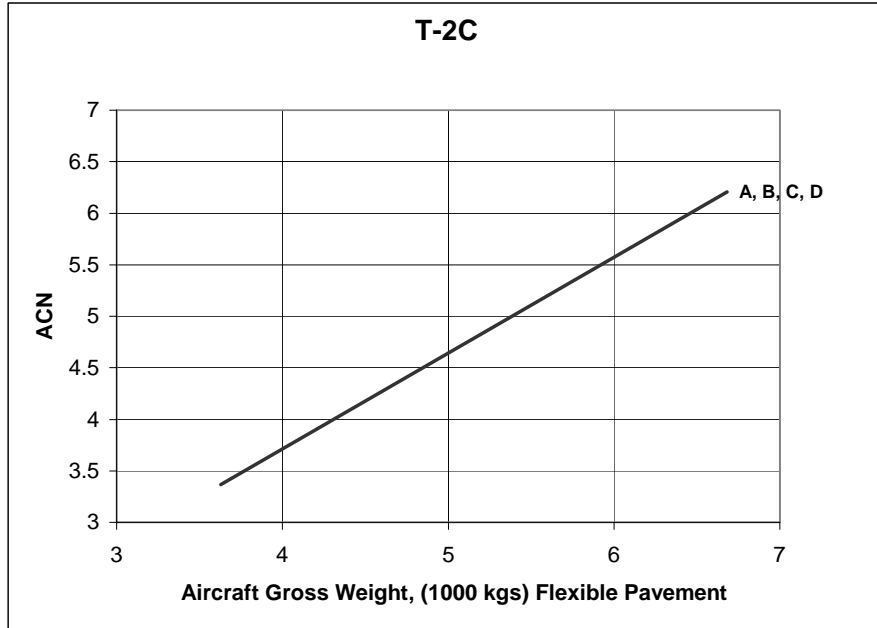
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
9.4	9	9	9	9
18.824	19	18	18	17



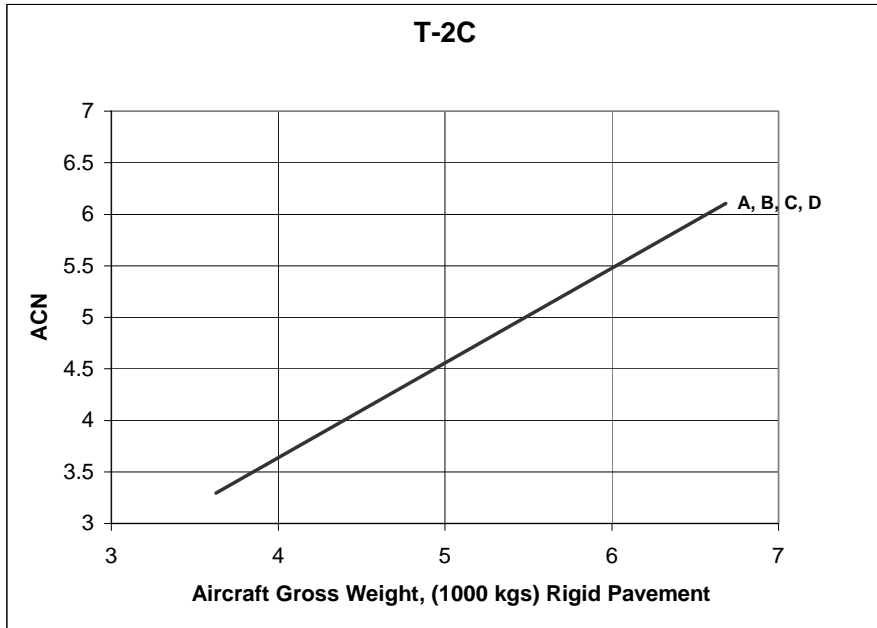
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
9.4	10	10	10	10
18.824	20	20	20	19

SOURCE: AFCESA 2002

T-2C



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.6 MIN	3.4	3.4	3.4	3.4
6.7 MAX	6.2	6.2	6.2	6.2



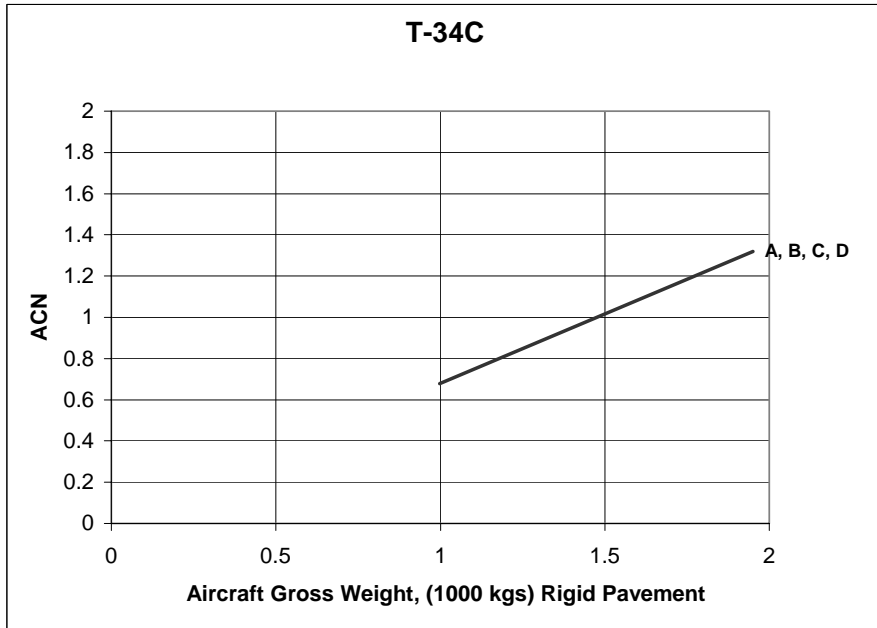
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.6 MIN	3.3	3.3	3.3	3.3
6.7 MAX	6.1	6.1	6.1	6.1

SOURCE: PCASE 2003

T-34C



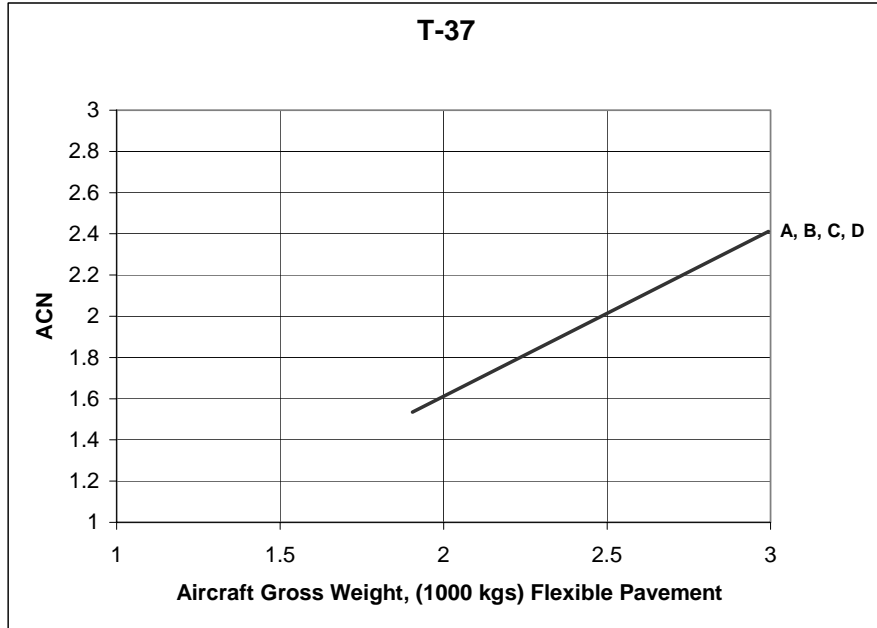
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
1 MIN	0.7	0.7	0.7	0.7
2 MAX	1.3	1.3	1.3	1.3



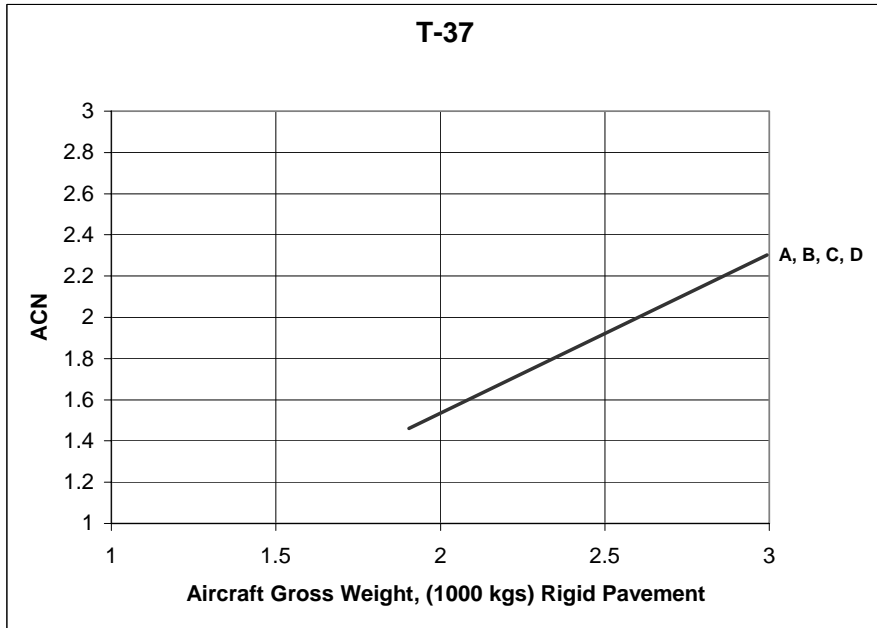
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
1 MIN	0.7	0.7	0.7	0.7
2 MAX	1.3	1.3	1.3	1.3

SOURCE: PCASE 2003

T-37



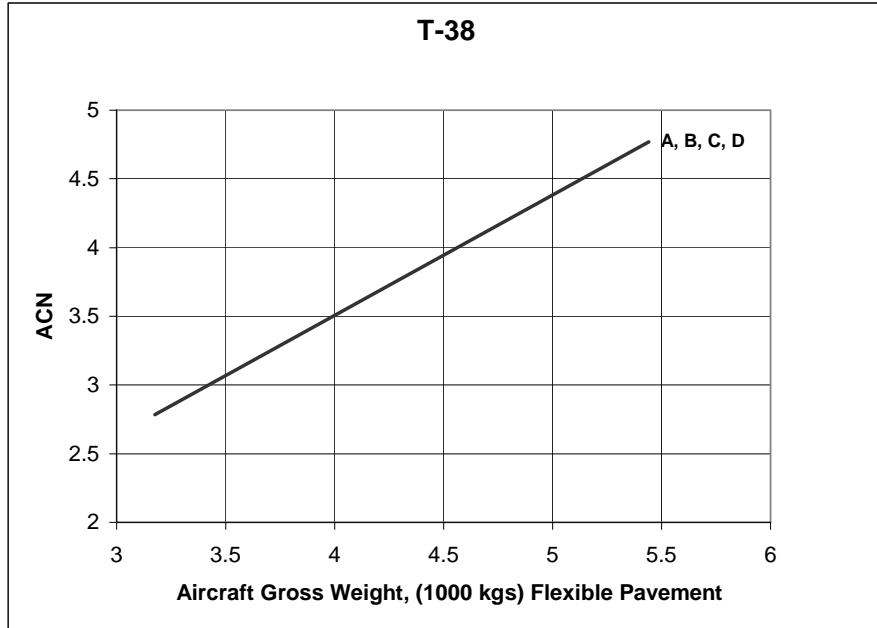
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
1.9 MIN	1.5	1.5	1.5	1.5
3 MAX	2.4	2.4	2.4	2.4



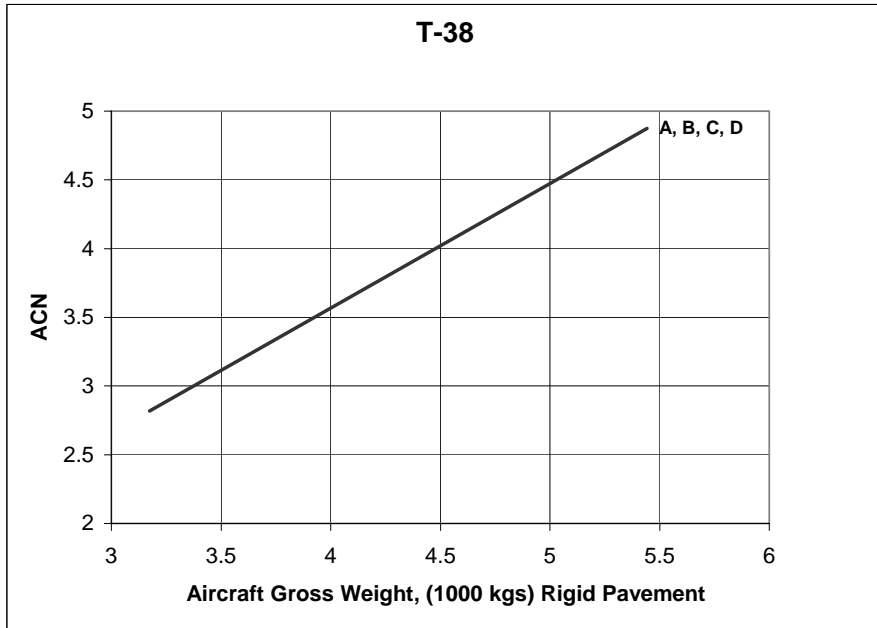
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
1.9 MIN	1.5	1.5	1.5	1.5
3 MAX	2.3	2.3	2.3	2.3

SOURCE: PCASE 2003

T-38



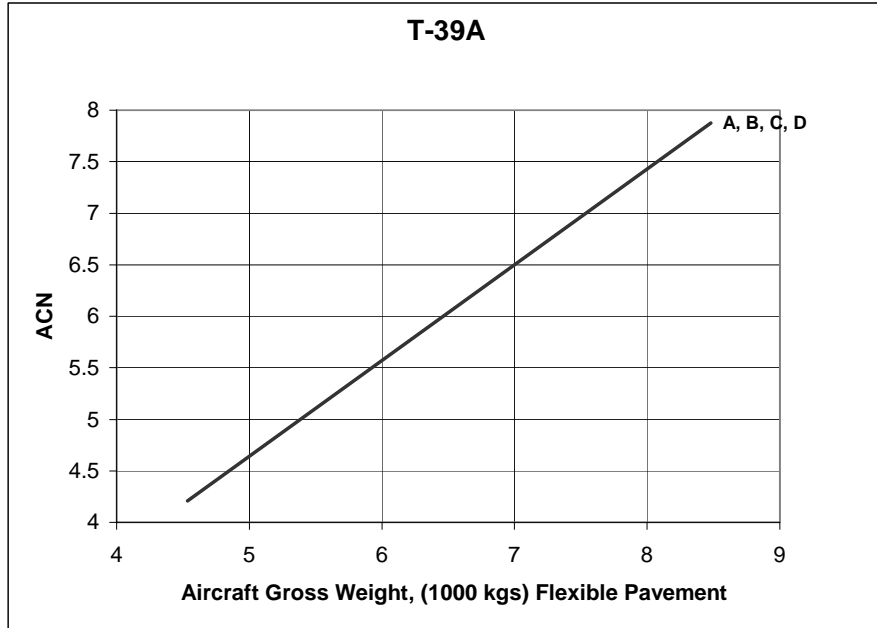
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.2 MIN	2.8	2.8	2.8	2.8
5.4 MAX	4.8	4.8	4.8	4.8



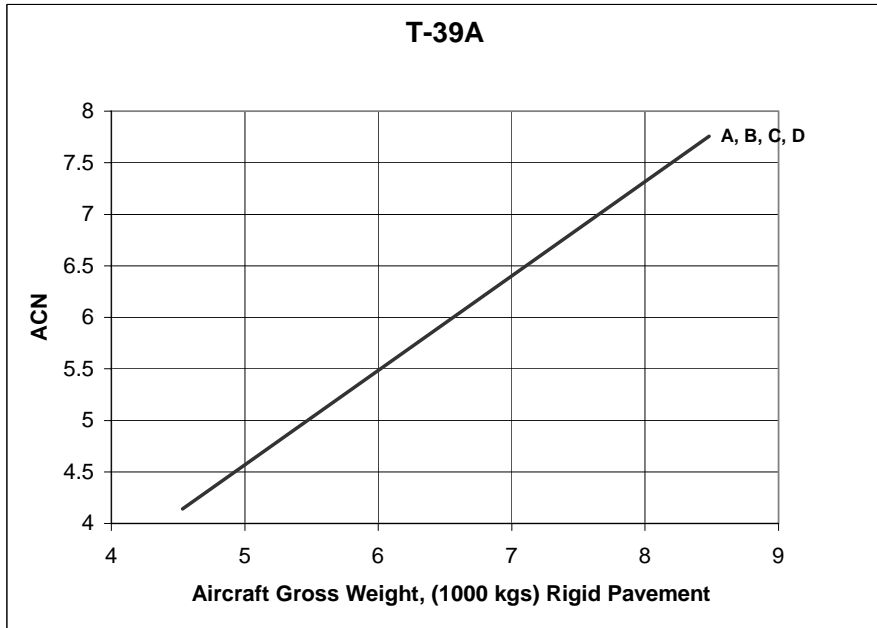
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.2 MIN	2.8	2.8	2.8	2.8
5.4 MAX	4.9	4.9	4.9	4.9

SOURCE: PCASE 2003

T-39A



	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.5 MIN	4.2	4.2	4.2	4.2
8.5 MAX	7.9	7.9	7.9	7.9



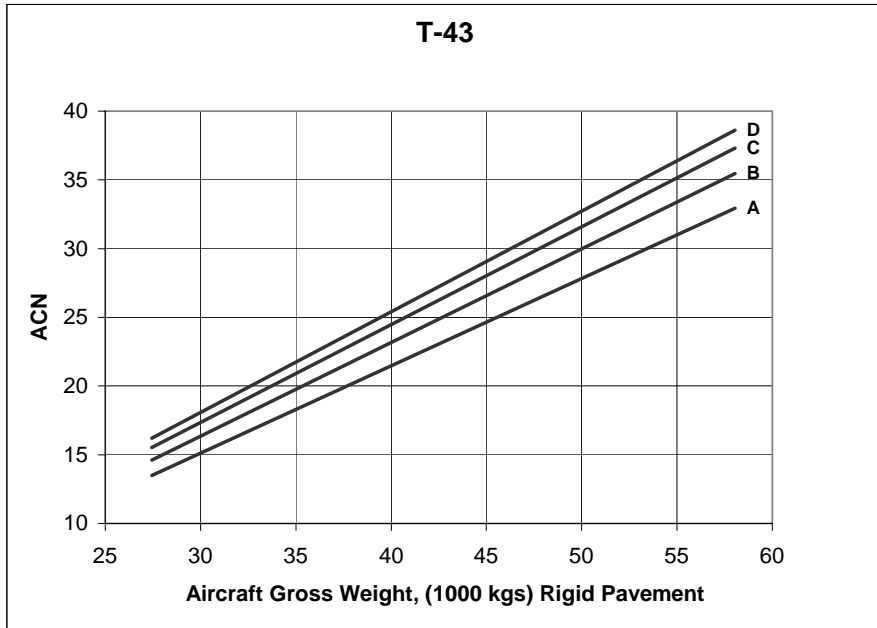
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.5 MIN	4.1	4.1	4.1	4.1
8.5 MAX	7.8	7.8	7.8	7.8

SOURCE: PCASE 2003

T-43



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
27.4 MIN	12.6	12.8	13.9	16.0
58 MAX	30.0	31.1	35.2	39.4



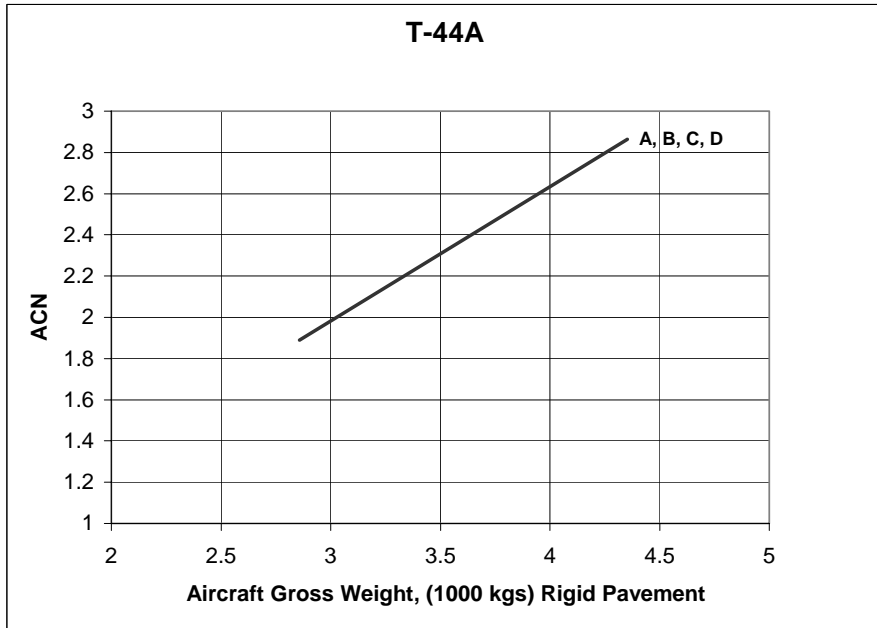
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
27.4 MIN	13.5	14.6	15.5	16.2
58 MAX	32.9	35.5	37.3	38.6

SOURCE: PCASE 2003

T-44A



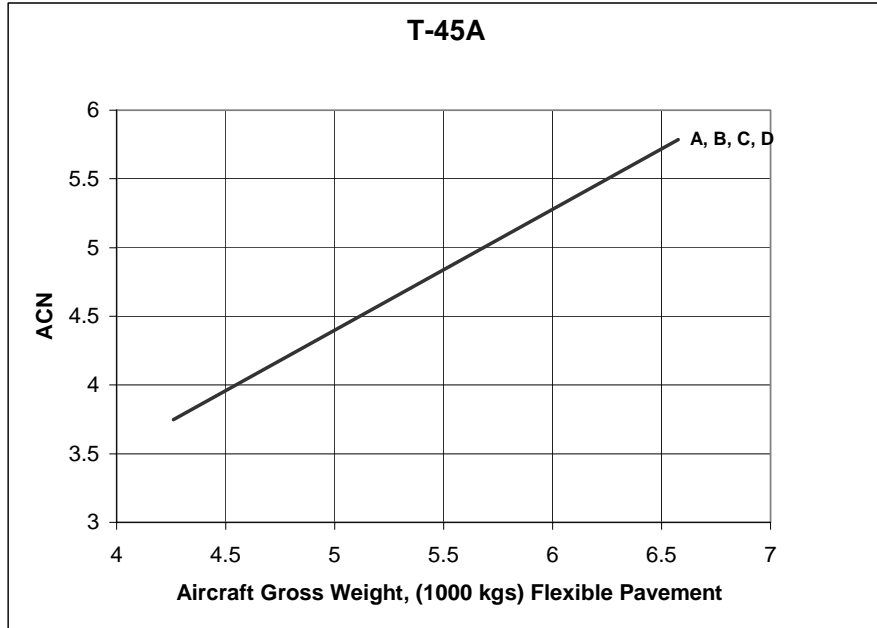
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
2.9 MIN	1.9	1.9	1.9	1.9
4.4 MAX	2.9	2.9	2.9	2.9



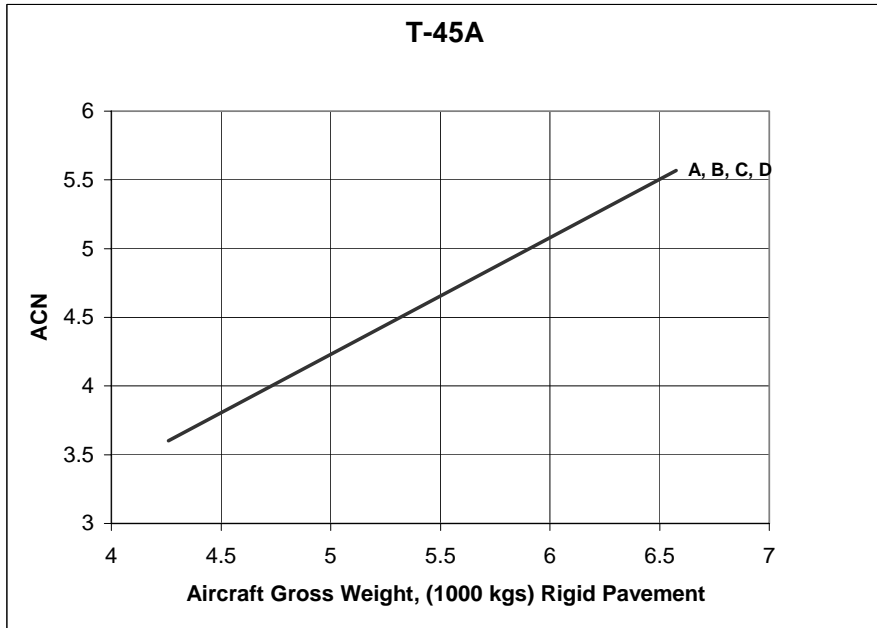
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
2.9 MIN	1.9	1.9	1.9	1.9
4.4 MAX	2.9	2.9	2.9	2.9

SOURCE: PCASE 2003

T-45A



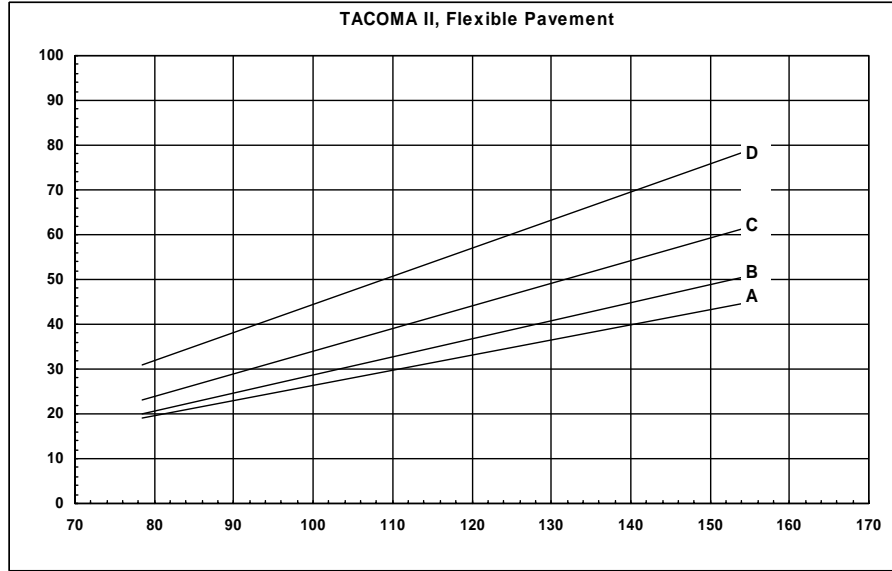
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
4.3 MIN	3.7	3.7	3.7	3.7
6.6 MAX	5.8	5.8	5.8	5.8



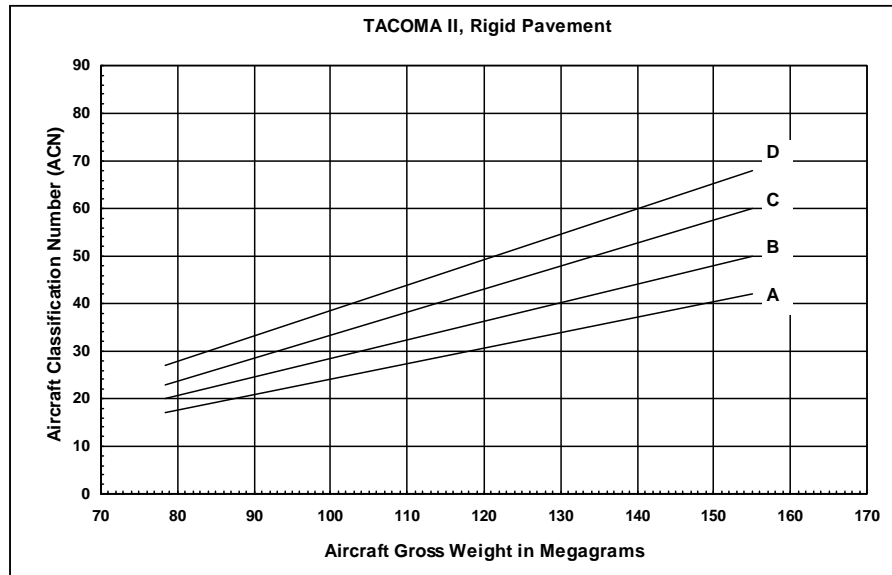
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.3 MIN	3.6	3.6	3.6	3.6
6.6 MAX	5.6	5.6	5.6	5.6

SOURCE: PCASE 2003

TACAMO II (E-6A)



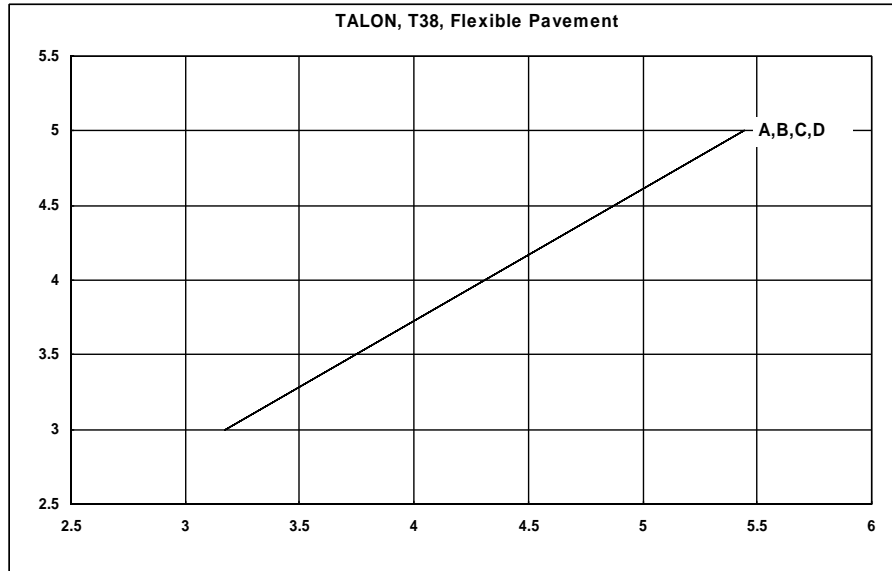
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
78.378	19	20	23	31
155.125	45	51	62	79



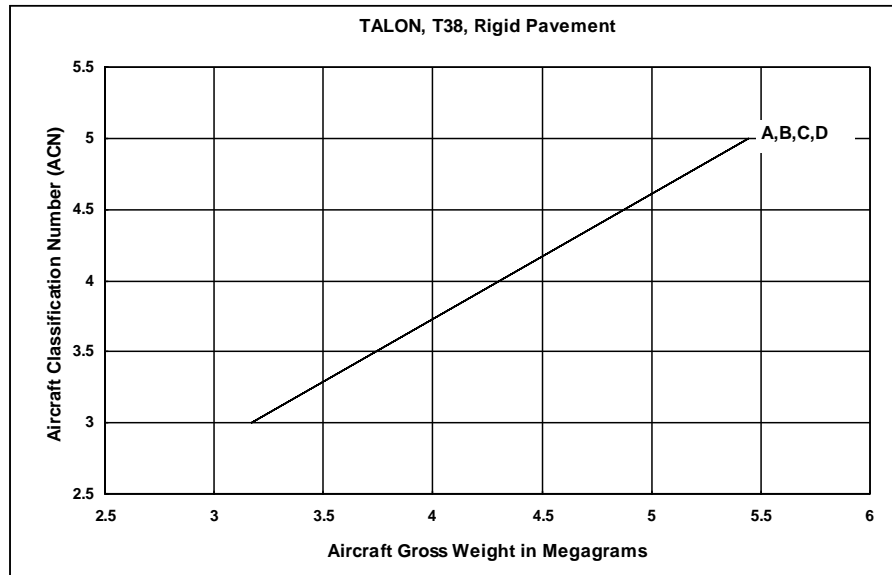
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
78.378	17	20	23	27
155.125	42	50	60	68

SOURCE: AFCESA 2002

TALON, T38



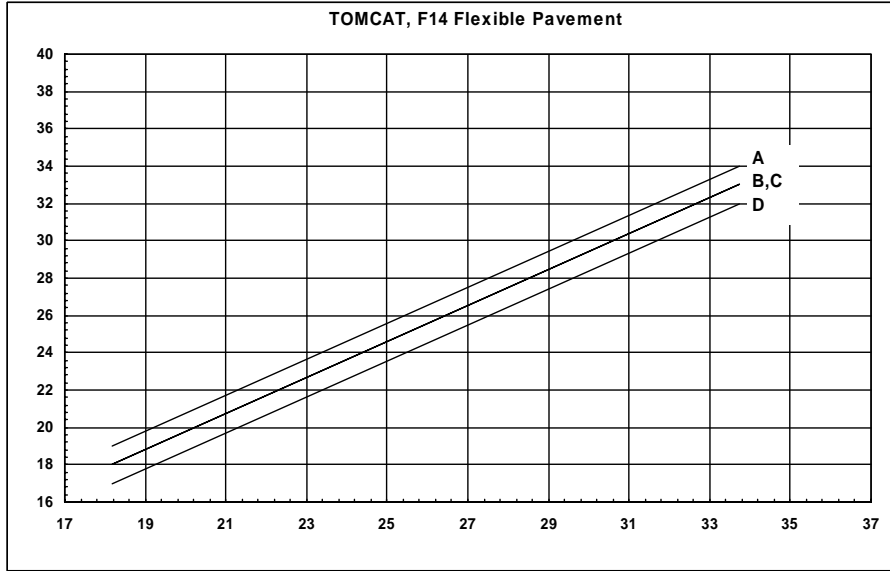
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
3.175	3	3	3	3
5.443	5	5	5	5



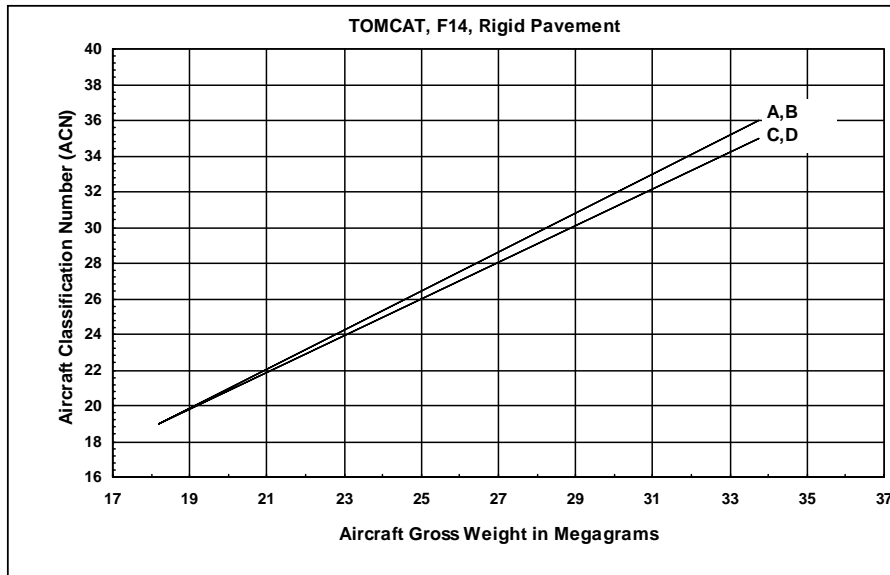
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
3.175	3	3	3	3
5.443	5	5	5	5

SOURCE: AFCEA 2002

TOMCAT, F14



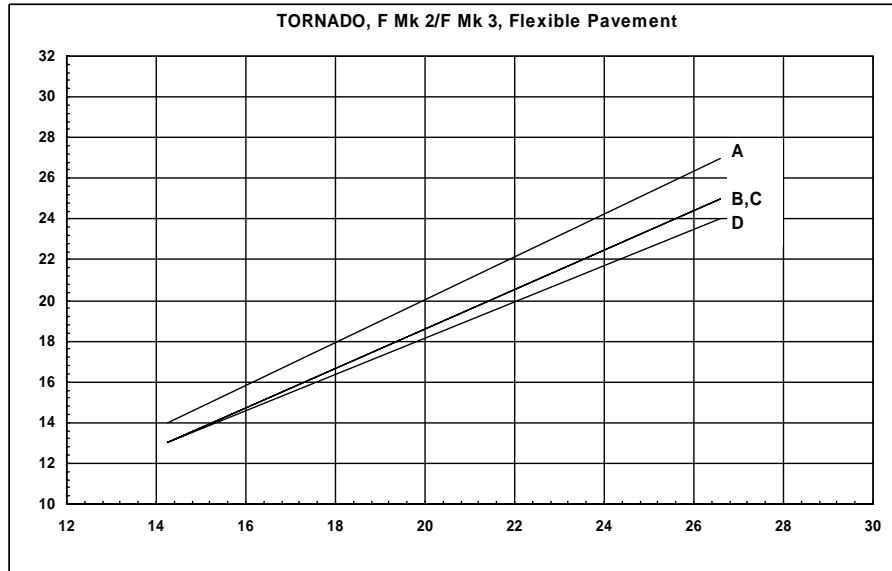
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
18.191	19	18	18	17
33.724	34	33	33	32



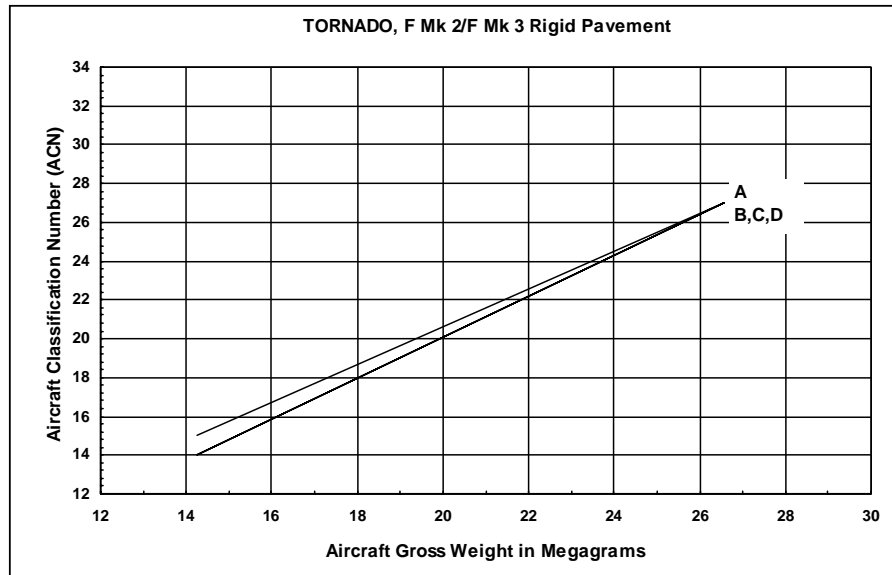
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
18.191	19	19	19	19
33.724	36	36	35	35

SOURCE: AFCESA 2002

TORNADO, F Mk 2/F Mk 3



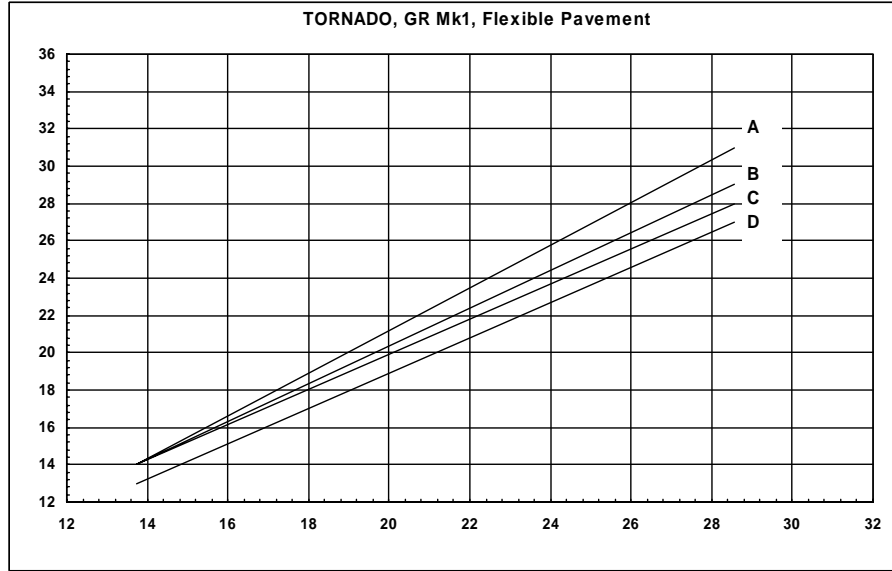
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.243	14	13	13	13
26.581	27	25	25	24



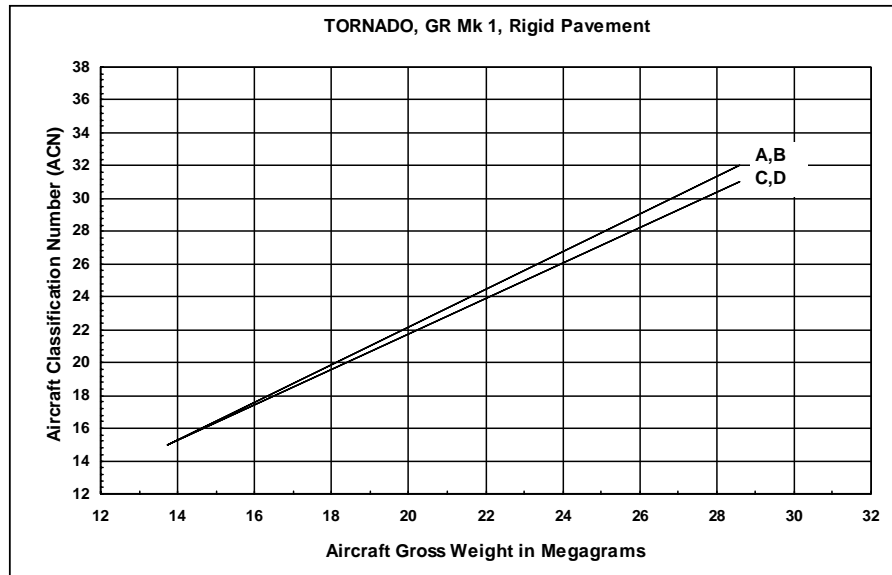
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.243	15	14	14	14
26.581	27	27	27	27

SOURCE: AFCESA 2002

TORNADO, GR Mk1



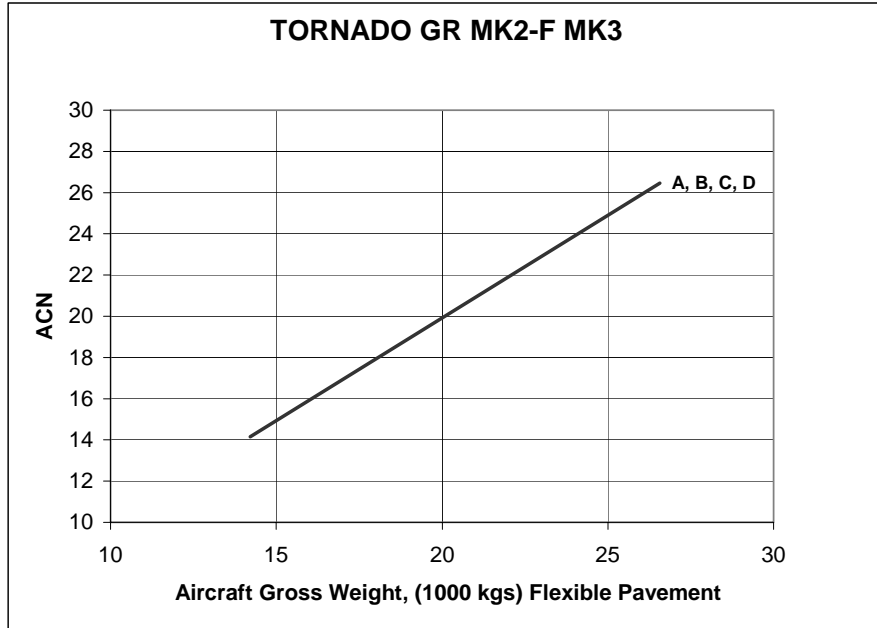
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
13.744	14	14	14	13
28.576	31	29	28	27



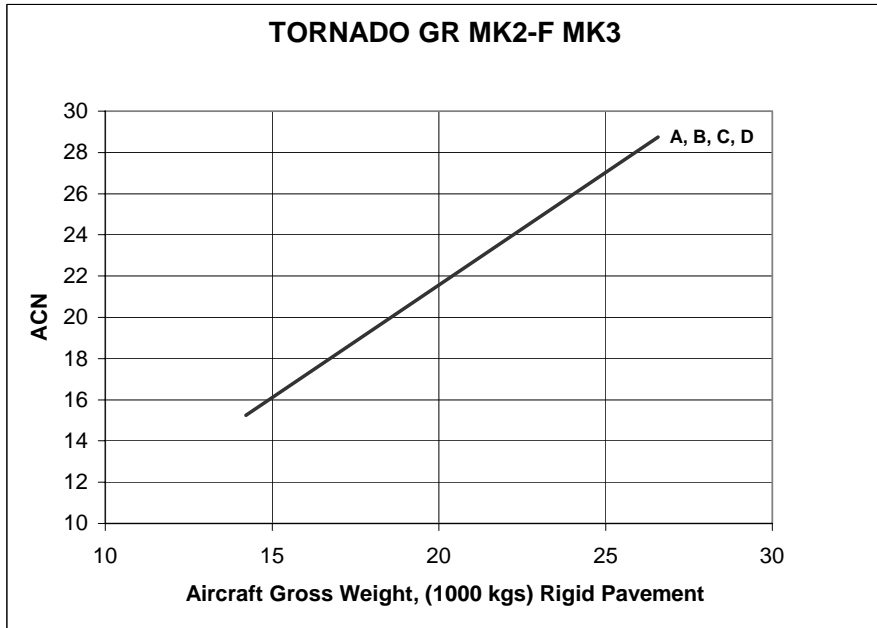
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
13.744	15	15	15	15
28.576	32	32	31	31

SOURCE: AFCESA 2002

TORNADO, GR MK2-F MK3



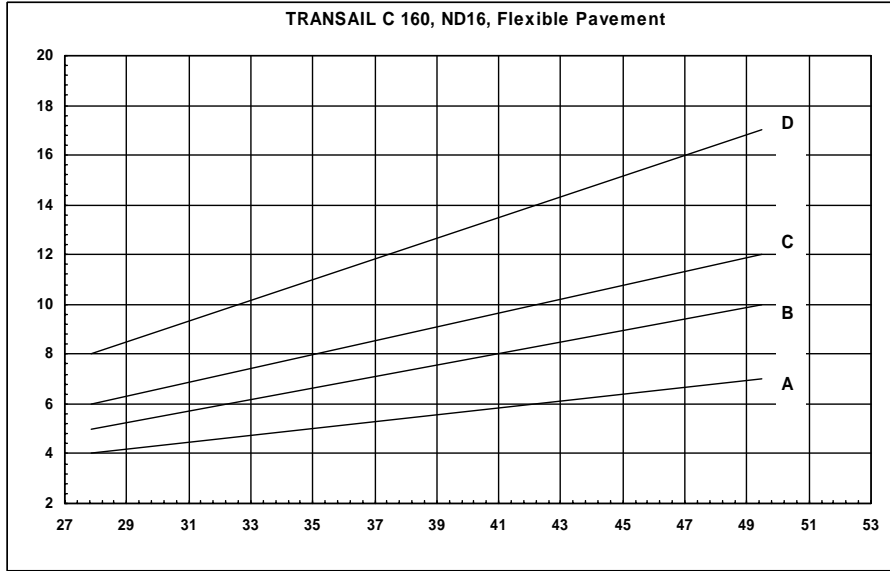
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
14.2 MIN	14.2	14.2	14.2	14.2
26.6 MAX	26.5	26.5	26.5	26.5



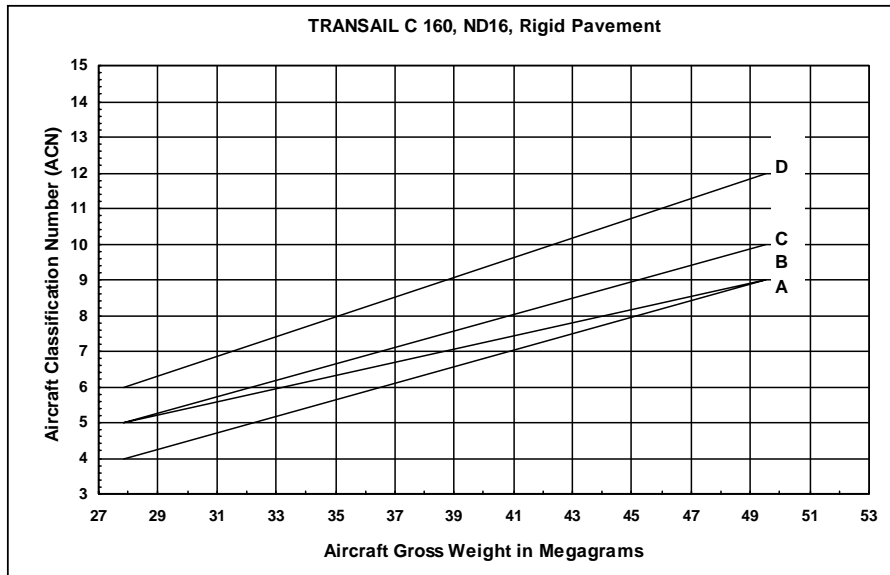
	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
14.2 MIN	15.2	15.2	15.2	15.2
26.6 MAX	28.7	28.7	28.7	28.7

SOURCE: PCASE 2003

TRANSAIL C 160, ND16



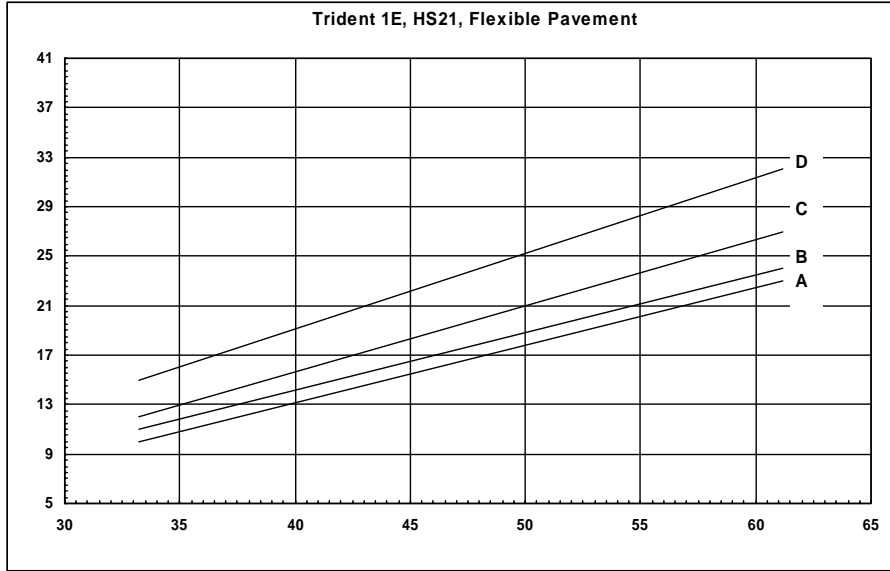
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
27.844	4	5	6	8
49.5	7	10	12	17



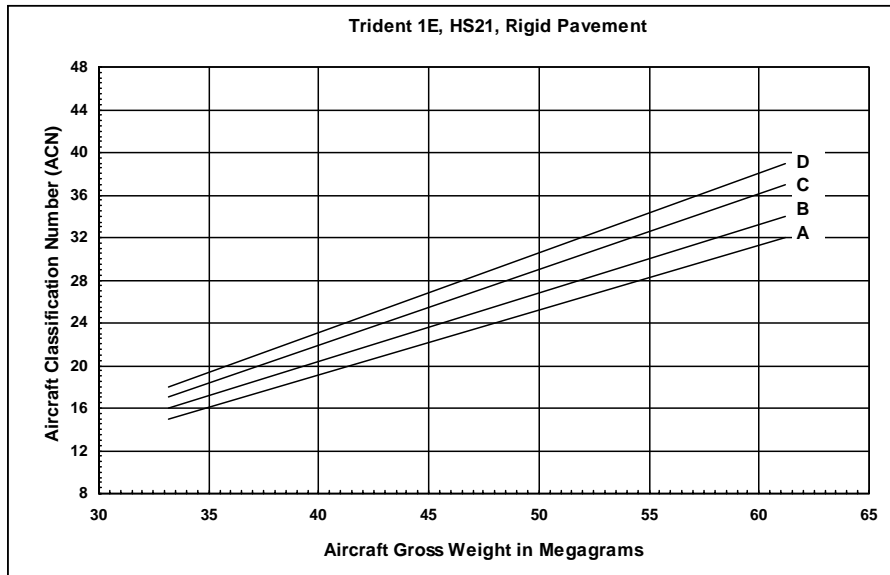
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
27.844	4	5	5	6
49.5	9	9	10	12

SOURCE: AFCESA 2002

Trident 1E, HS21



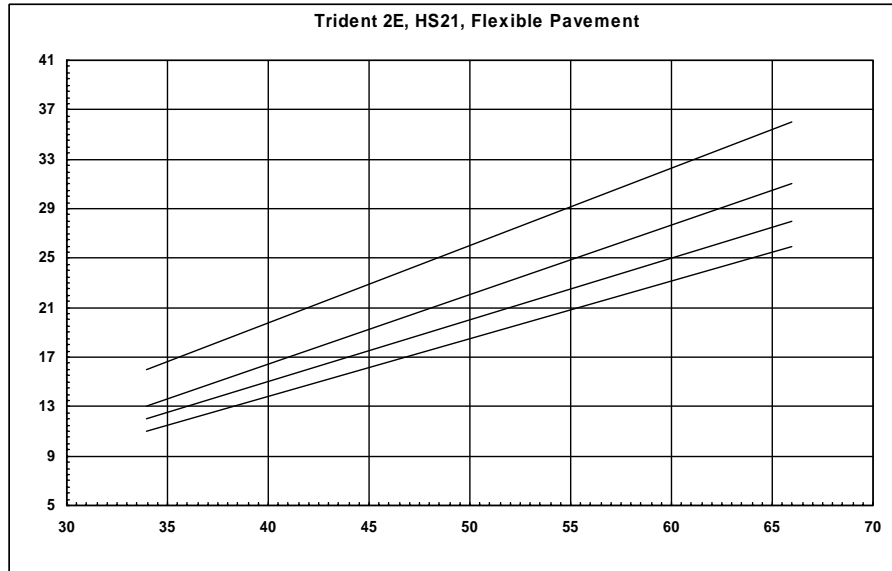
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
33.203	10	11	12	15
61.16	23	24	27	32



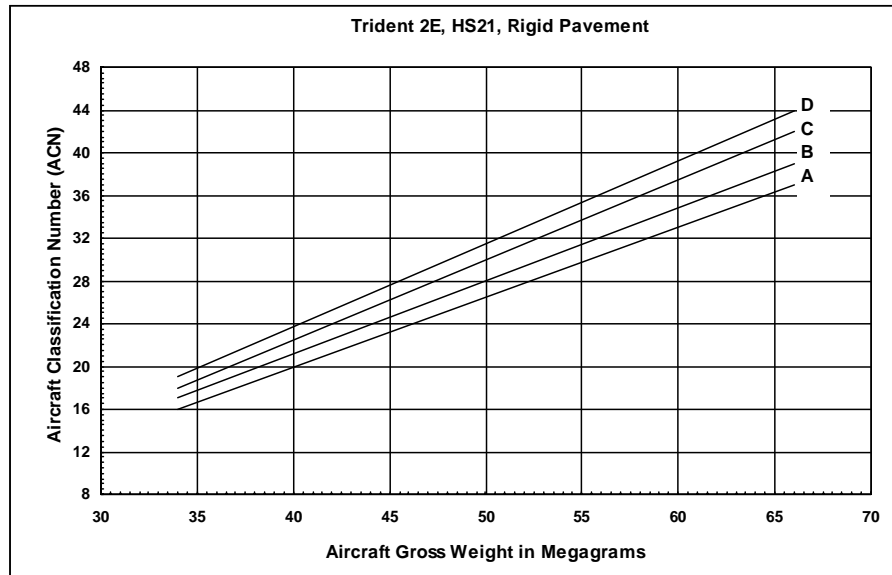
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
33.203	15	16	17	18
61.16	32	34	37	39

SOURCE: AFCESA 2002

Trident 2E, HS21



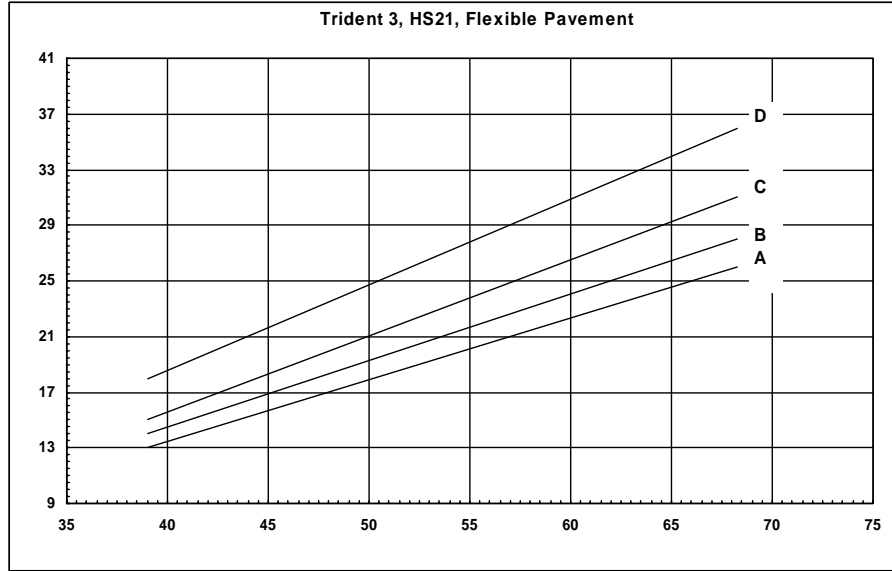
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
33.98	11	12	13	16
65.998	26	28	31	36



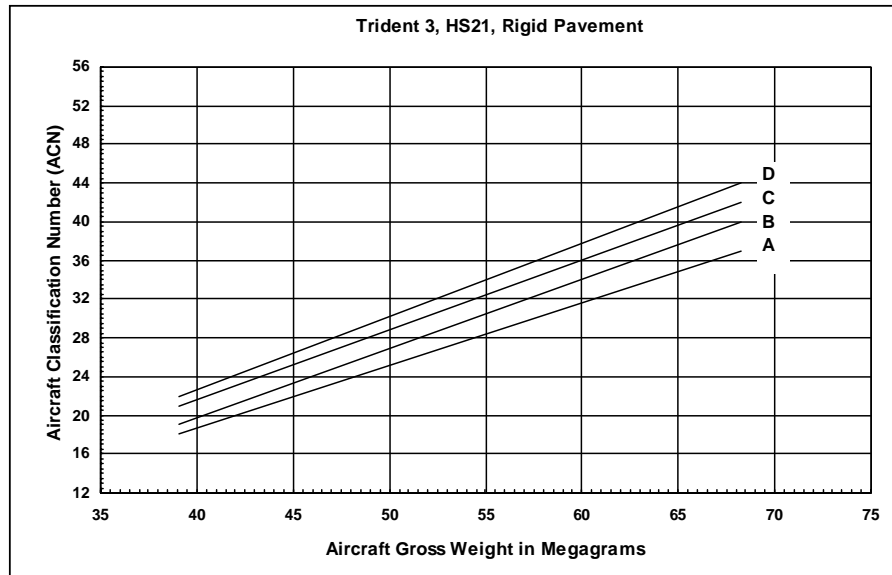
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
33.98	16	17	18	19
65.998	37	39	42	44

SOURCE: AFCESA 2002

Trident 3, HS21



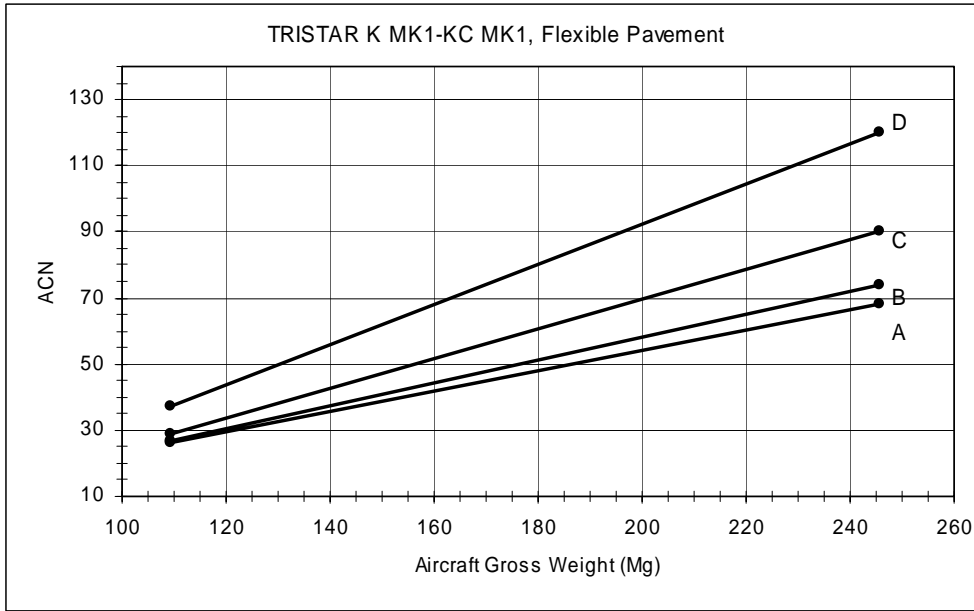
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
39.06	13	14	15	18
68.266	26	28	31	36



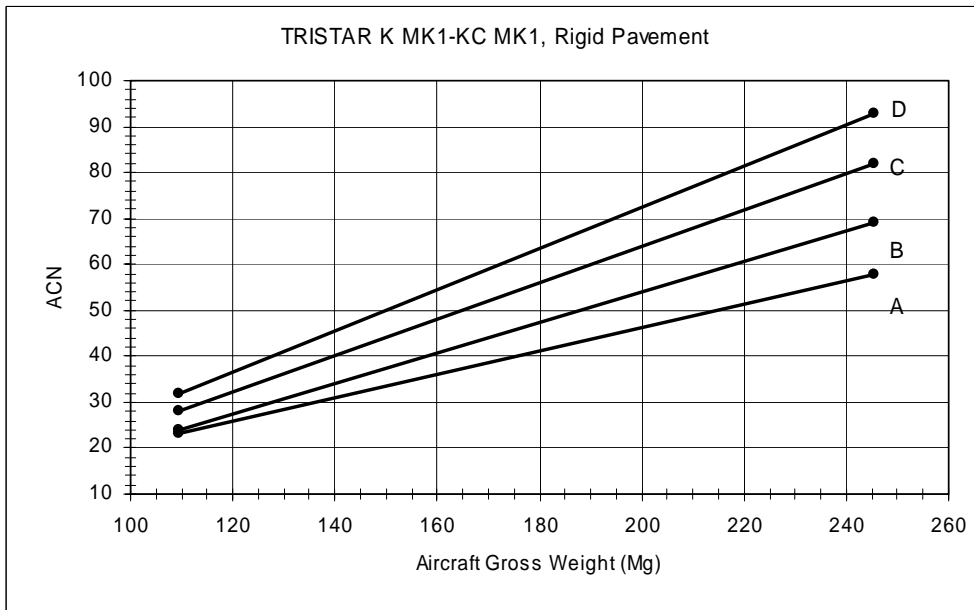
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
39.06	18	19	21	22
68.266	37	40	42	44

SOURCE: AFCEA 2002

TRISTAR K MK1-KC MK1



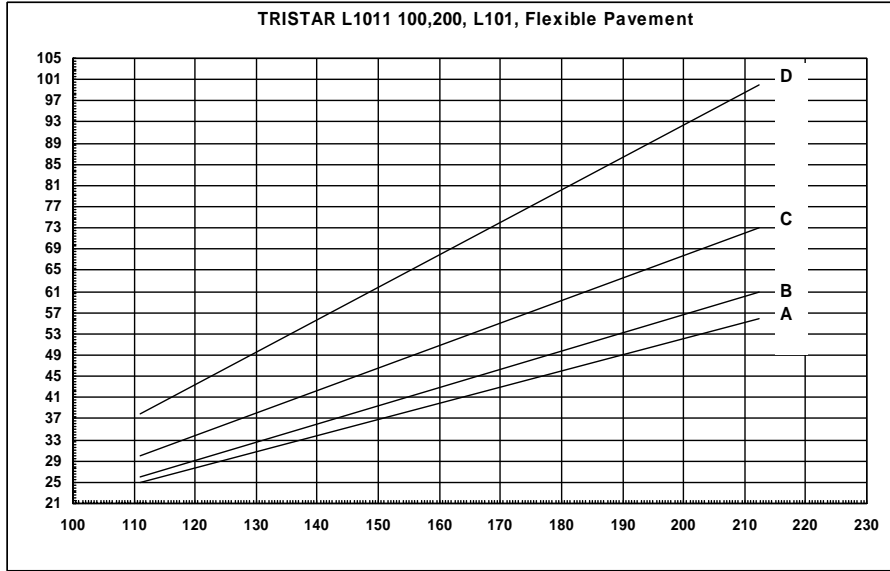
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
109.4	26	27	29	37
245.6	68	74	90	120



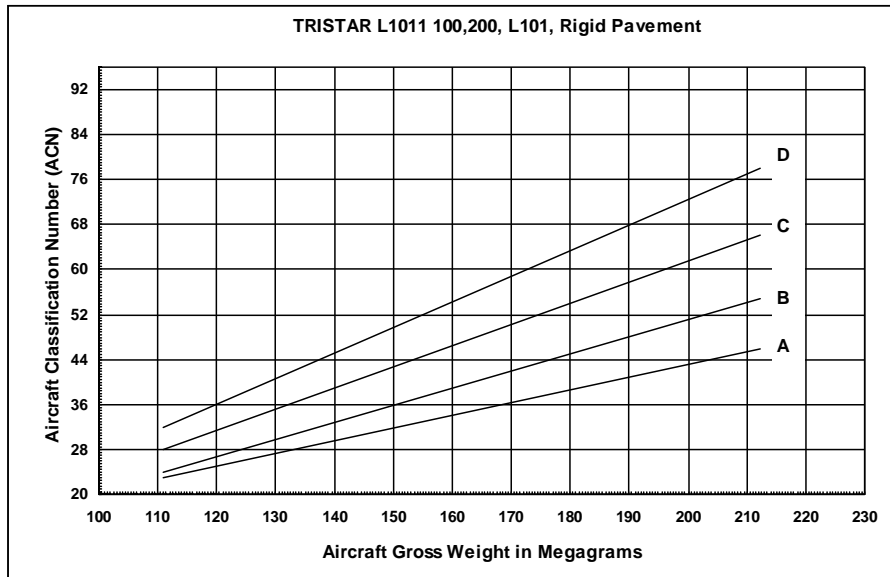
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
109.4	23	24	28	32
245.6	58	69	82	93

SOURCE: GBR 6/28/2005

TRISTAR L1011 100, 200, L101



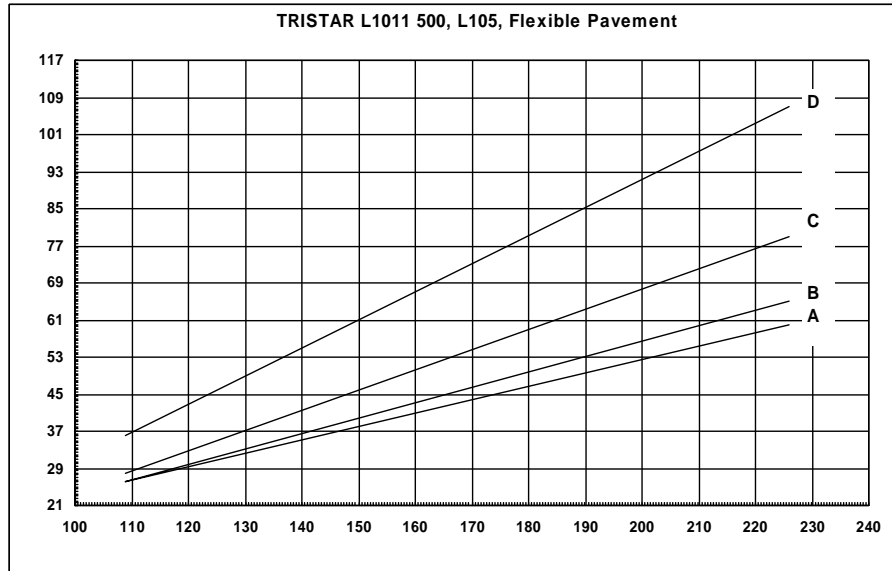
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
110.986	25	26	30	38
212.281	56	61	73	100



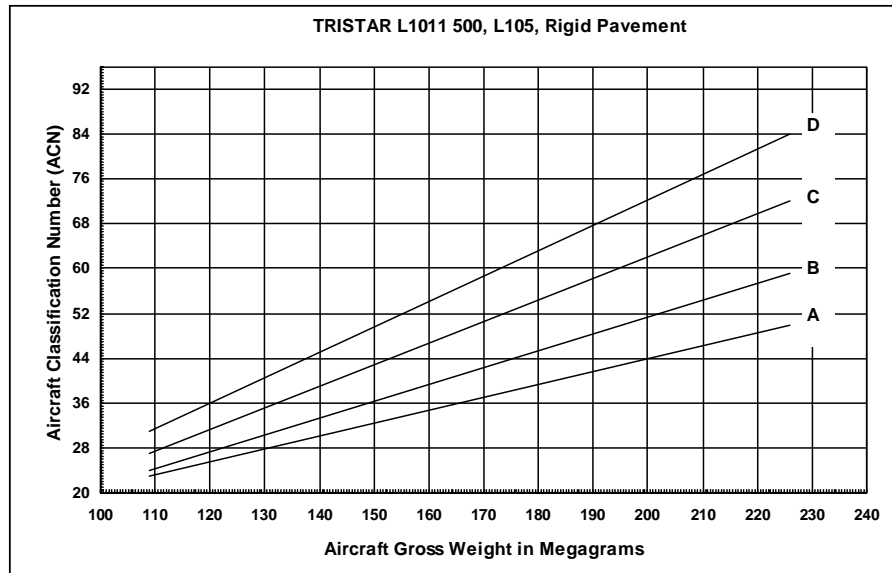
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
110.986	23	24	28	32
212.281	46	55	66	78

SOURCE: AFCESA 2002

TRISTAR L1011 500, L105



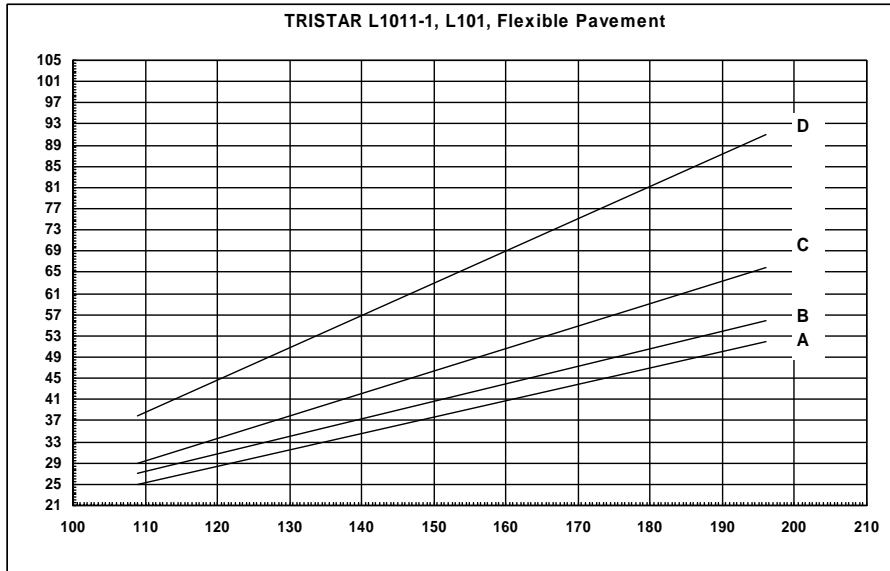
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
108.924	26	26	28	36
225.889	60	65	79	107



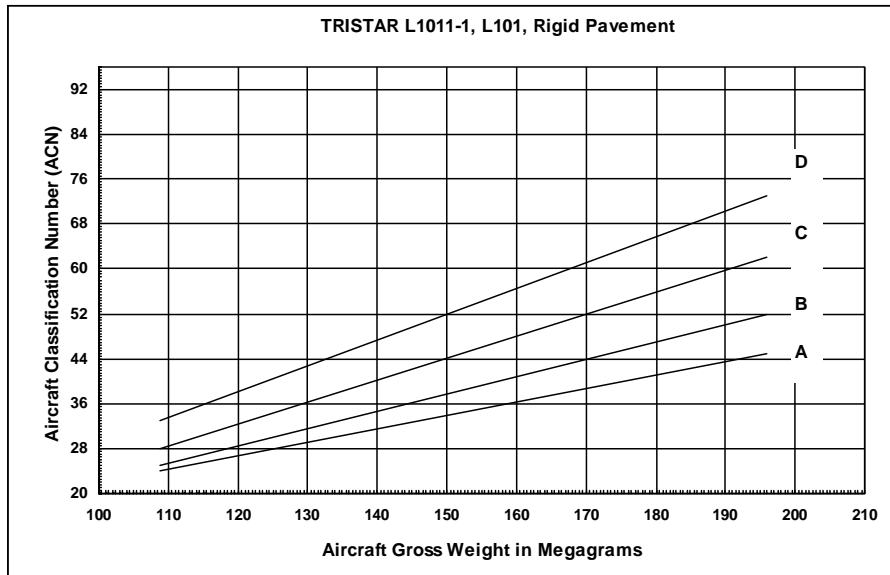
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
108.924	23	24	27	31
225.889	50	59	72	84

SOURCE: AFCESA 2002

TRISTAR L1011-1, L101



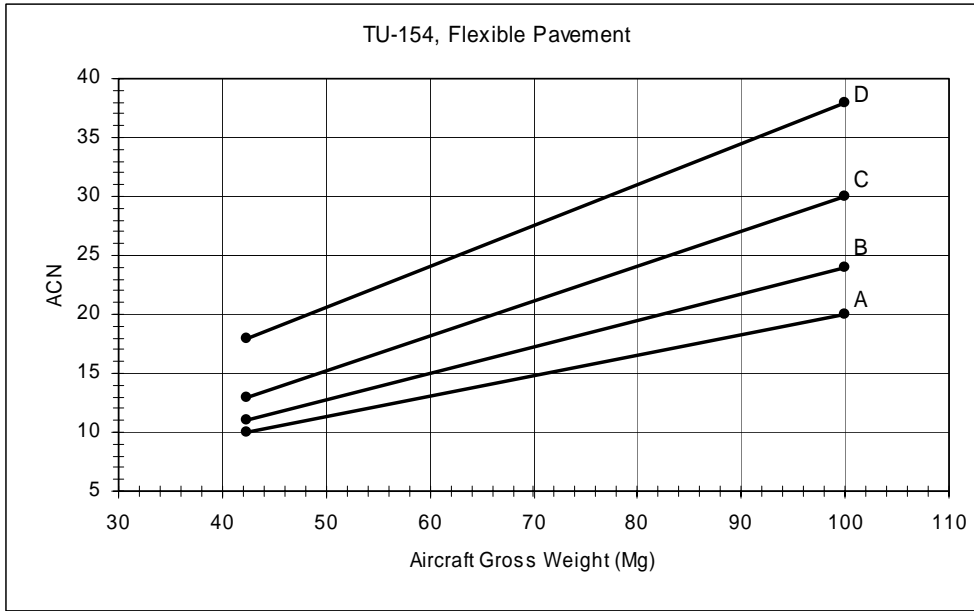
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
108.862	25	27	29	38
195.952	52	56	66	91



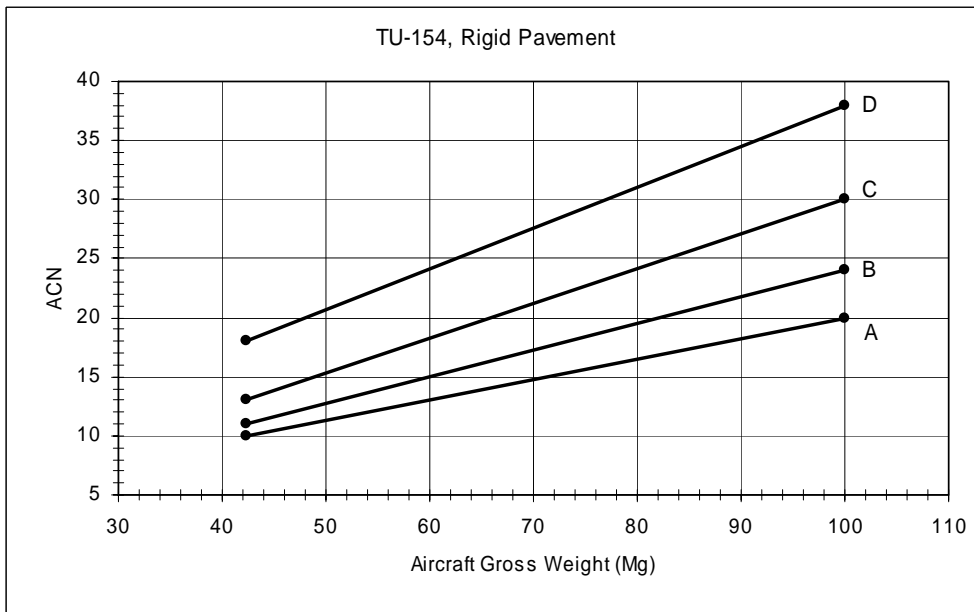
	ACN Value for each Rigid Subgrade Category (k, MN/m ³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
108.862	24	25	28	33
195.952	45	52	62	73

SOURCE: AFCESA 2002

TU-154



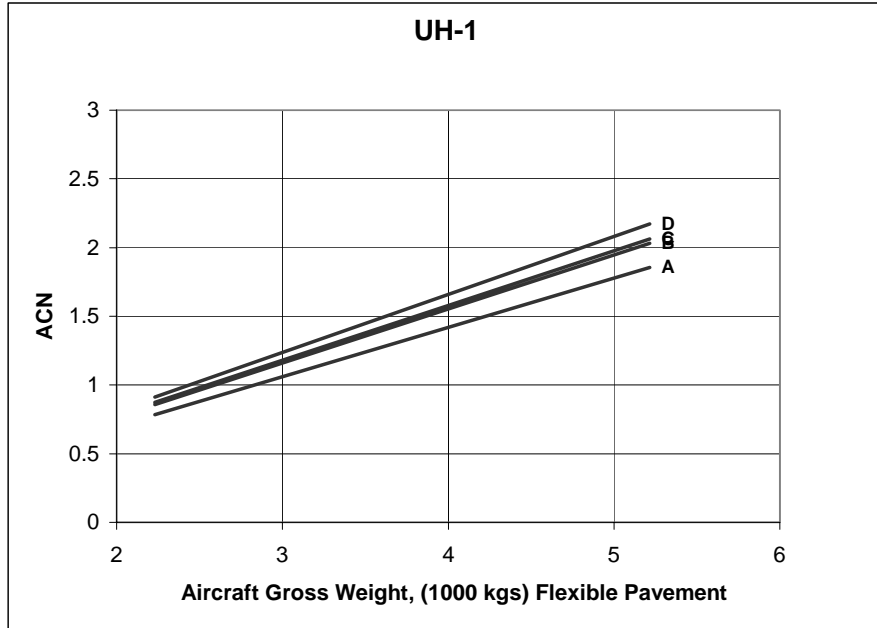
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
42.3	10	11	13	18
100.0	20	24	30	38



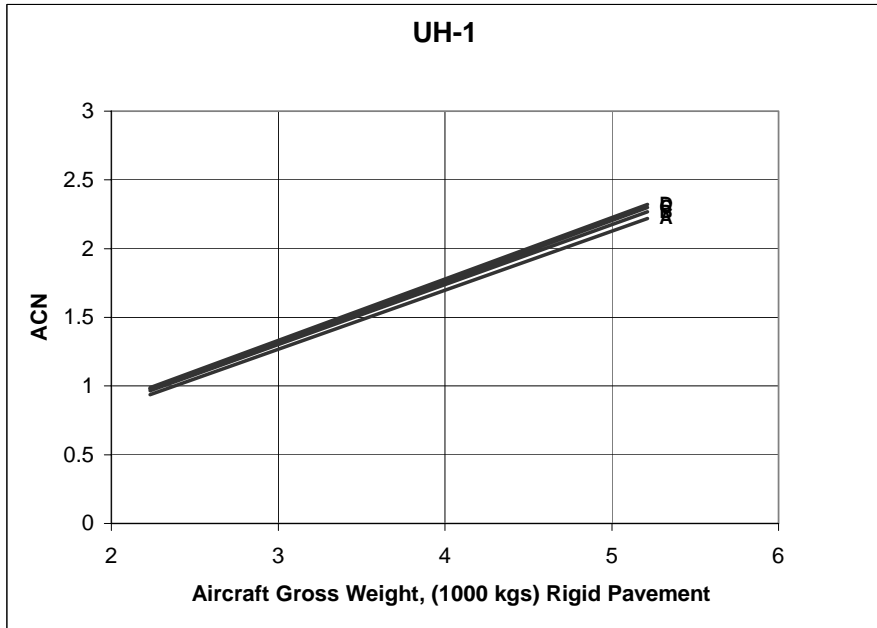
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
4.1	4	4	4	4
9.1	9	9	9	9

SOURCE: CZE 4/13/2005

UH-1



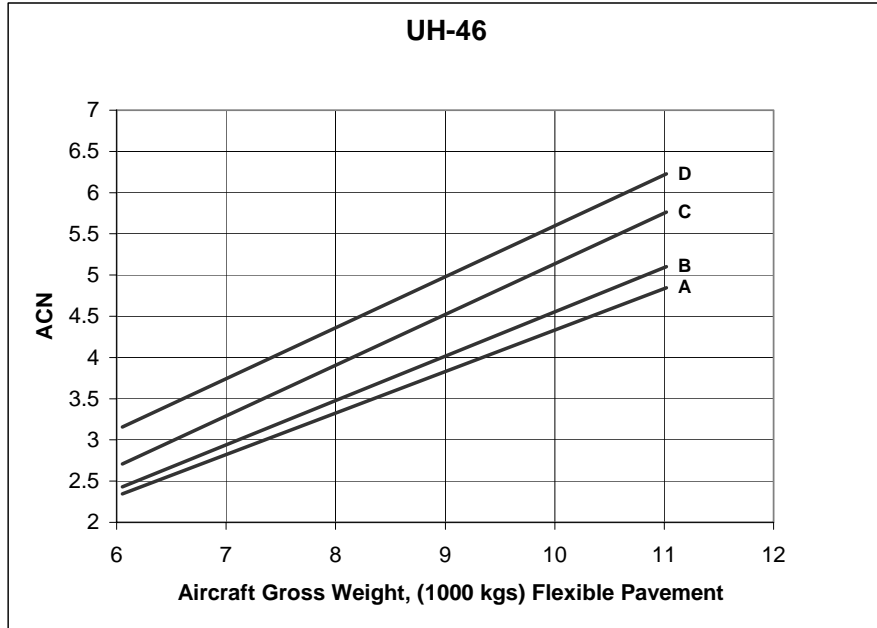
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
2.2 MIN	0.8	0.9	0.9	0.9
5.2 MAX	1.9	2.0	2.1	2.2



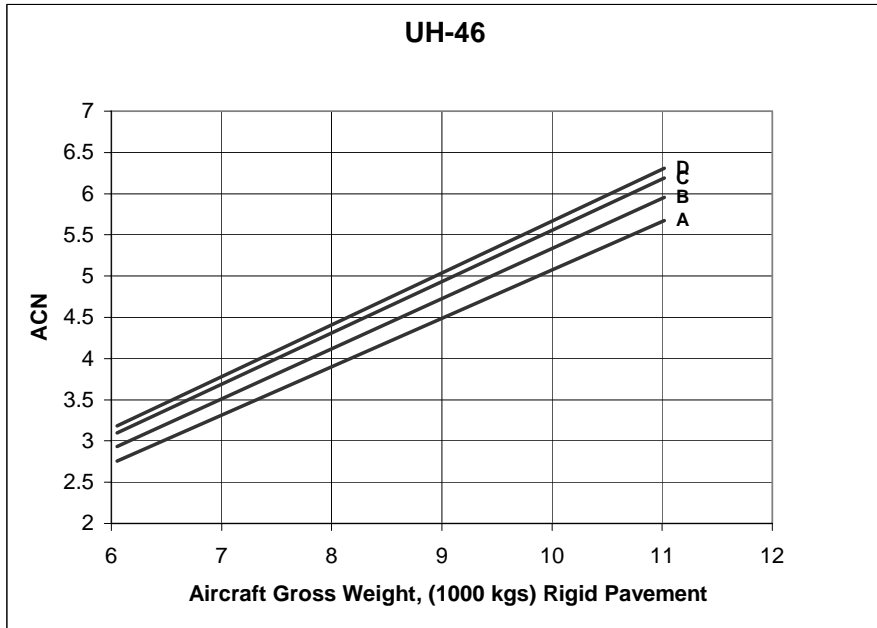
ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
2.2 MIN	0.9	1.0	1.0	1.0
5.2 MAX	2.2	2.3	2.3	2.3

SOURCE: PCASE 2003

UH-46



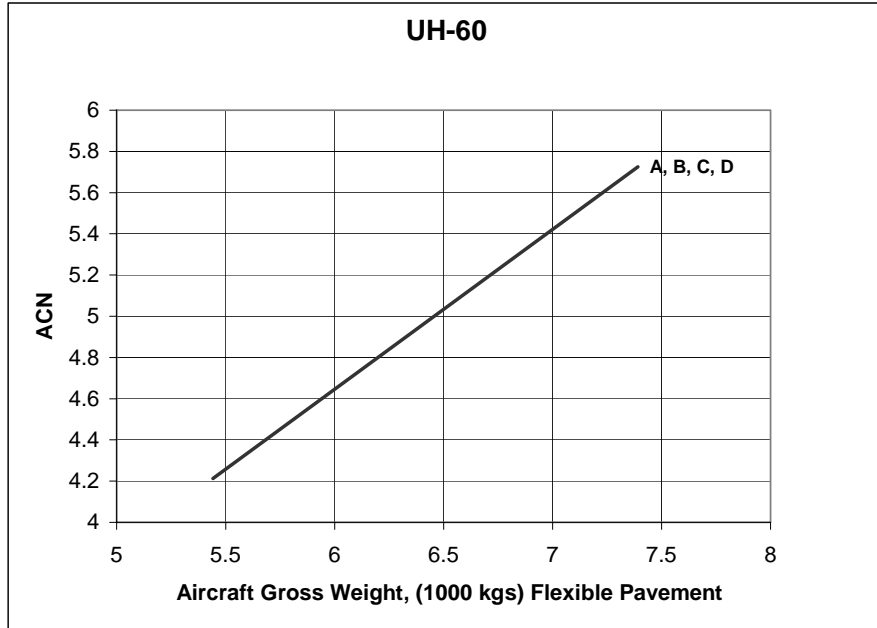
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
6.1 MIN	2.3	2.4	2.7	3.2
11 MAX	4.8	5.1	5.8	6.2



ACN Value for each Rigid Subgrade Category (k, MN/m3)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
6.1 MIN	2.8	2.9	3.1	3.2
11 MAX	5.7	6.0	6.2	6.3

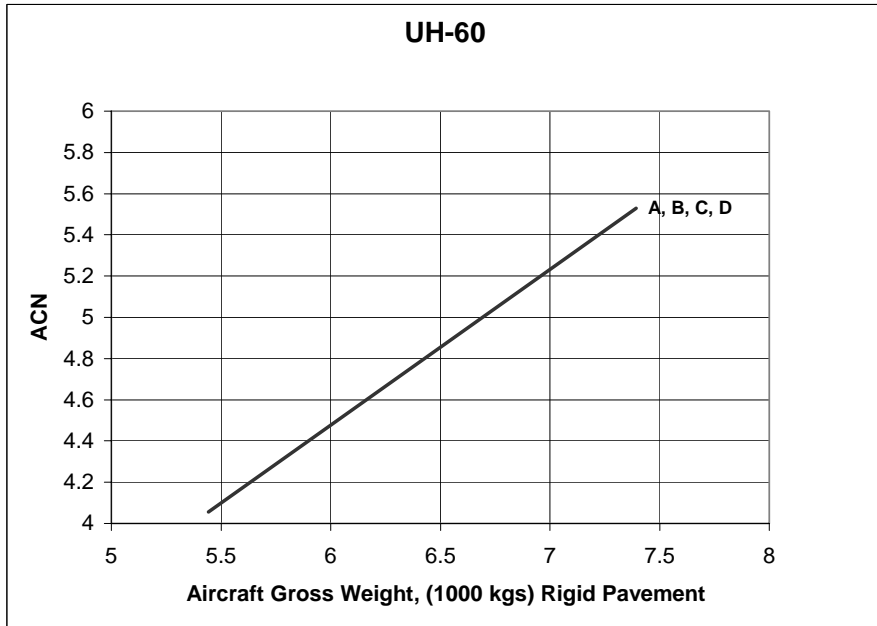
SOURCE: PCASE 2003

UH-60



Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
5.4 MIN	4.2	4.2	4.2	4.2
7.4 MAX	5.7	5.7	5.7	5.7

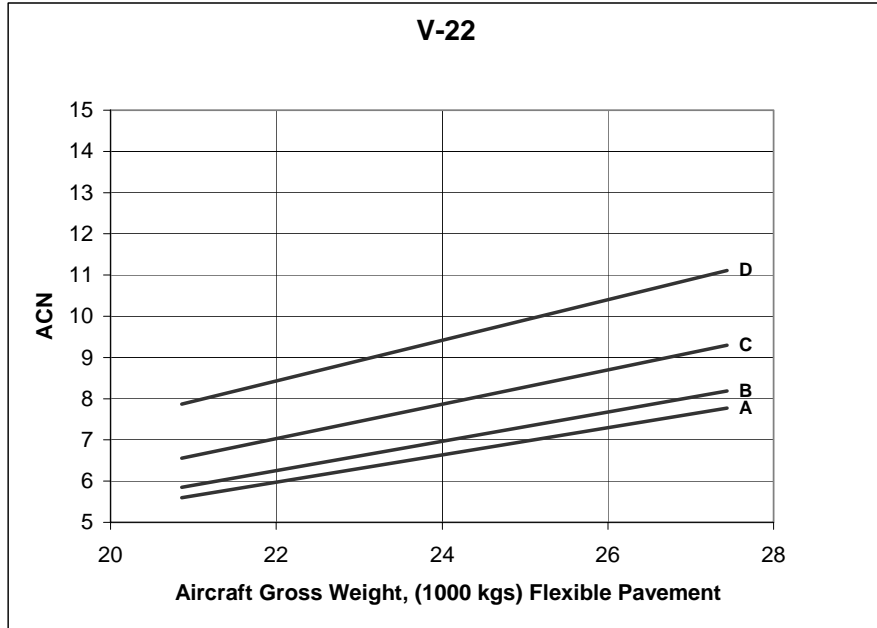
UH-60



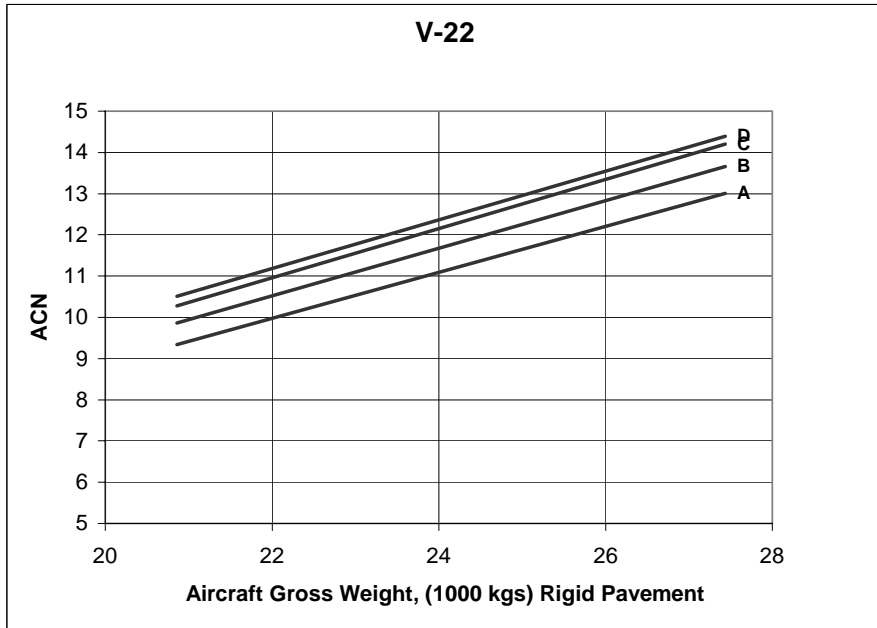
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
5.4 MIN	4.1	4.1	4.1	4.1
7.4 MAX	5.5	5.5	5.5	5.5

SOURCE: PCASE 2003

V-22



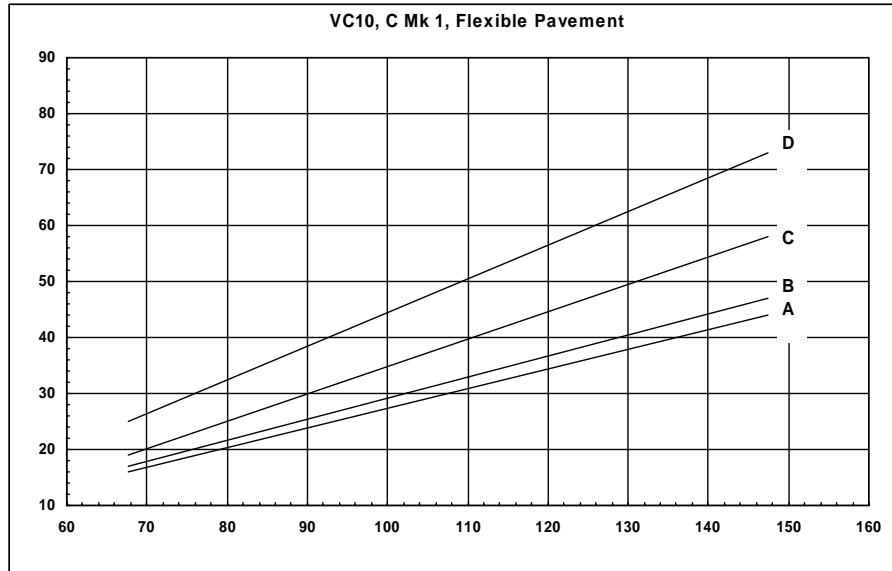
Load (Mg)	ACN Value for each Flexible Subgrade Category (CBR, %)			
	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
20.9 MIN	5.6	5.9	6.6	7.9
27.4 MAX	7.8	8.2	9.3	11.1



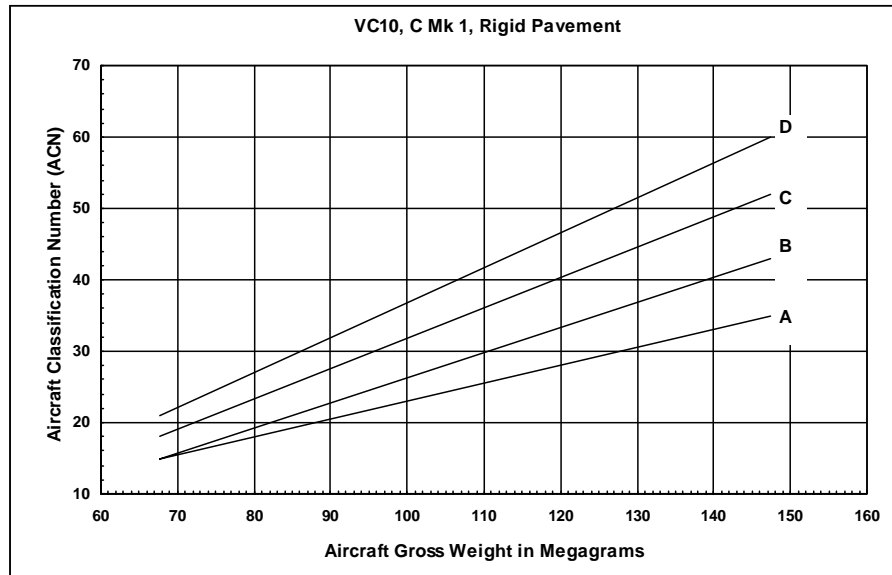
Load (Mg)	ACN Value for each Rigid Subgrade Category (k, MN/m3)			
	A (> 120)	B (60-120)	C (25-60)	D (< 25)
20.9 MIN	9.3	9.9	10.3	10.5
27.4 MAX	13.0	13.7	14.2	14.4

SOURCE: PCASE 2003

VC10 C Mk 1



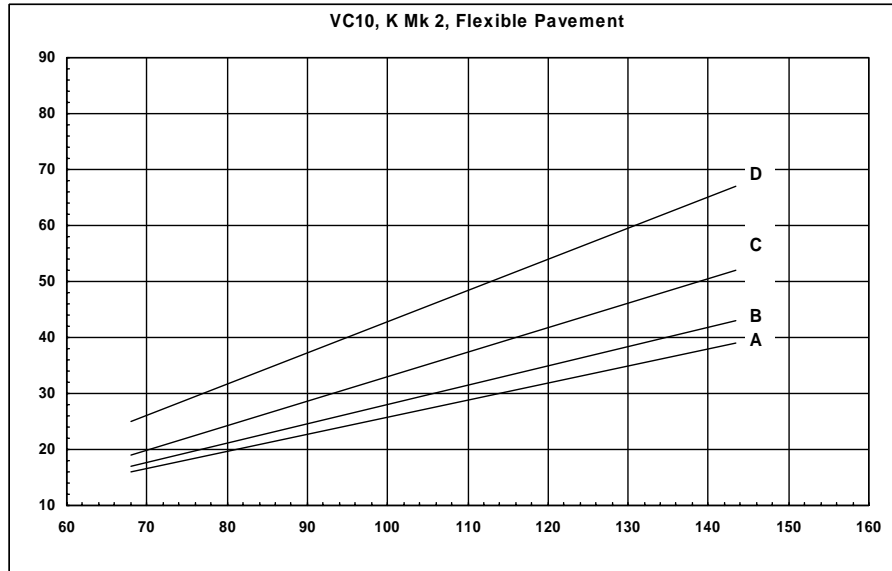
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
67.631	16	17	19	25
147.417	44	47	58	73



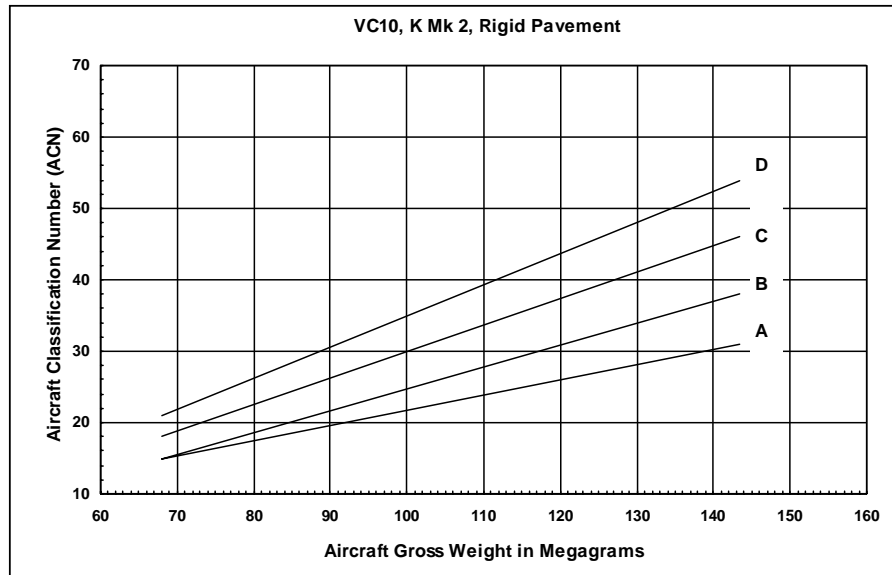
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
67.631	15	15	18	21
147.417	35	43	52	60

SOURCE: AFCEA 2002

VC10 K Mk 2



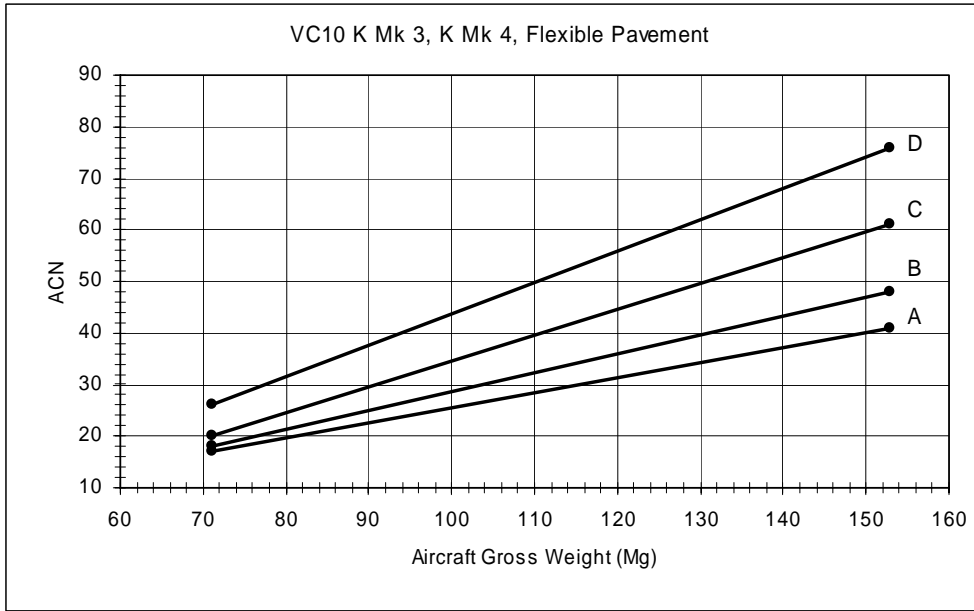
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
67.993	16	17	19	25
143.335	39	43	52	67



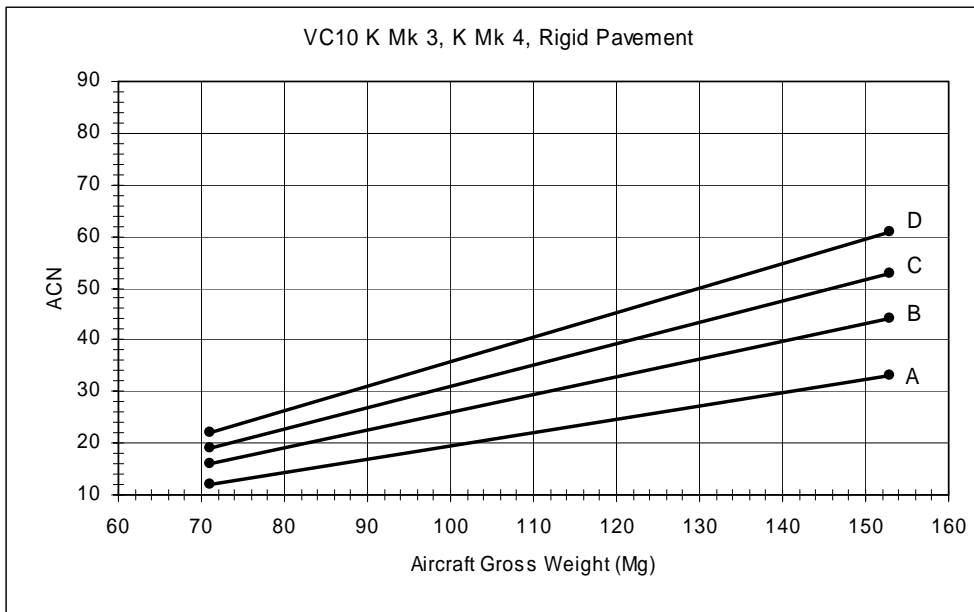
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
67.993	15	15	18	21
143.335	31	38	46	54

SOURCE: AFCESA 2002

VC10 K Mk 3, K Mk 4



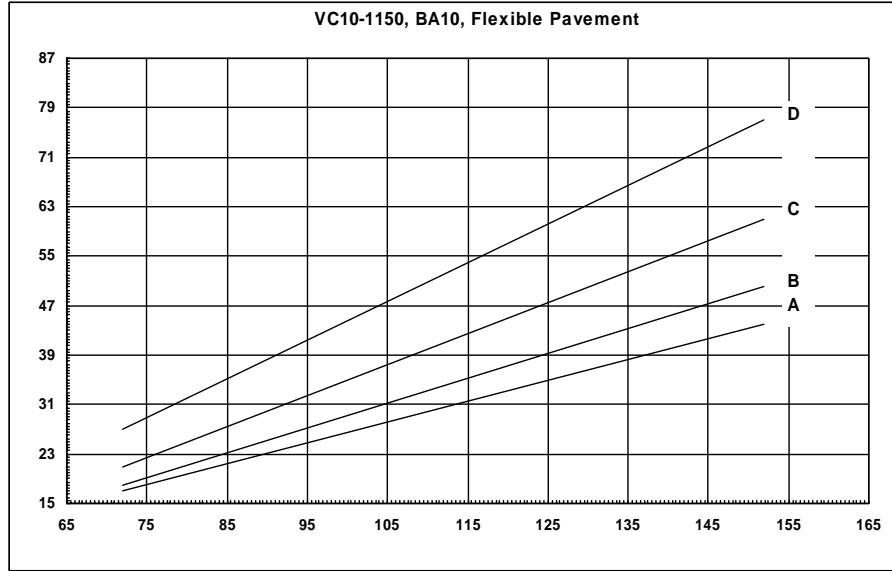
	ACN Value for each Flexible Subgrade Category (CBR, %)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
71.0	17	18	20	26
152.9	41	48	61	76



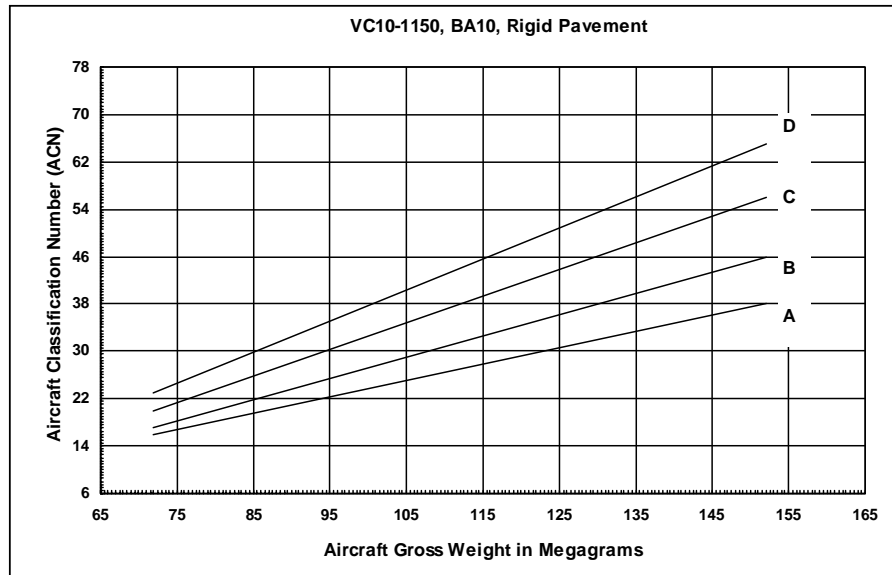
	ACN Value for each Rigid Subgrade Category (k, MN/m³)			
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
71.0	12	16	19	22
152.9	33	44	53	61

SOURCE: GBR 6/28/2005

VC10-1150, BA10



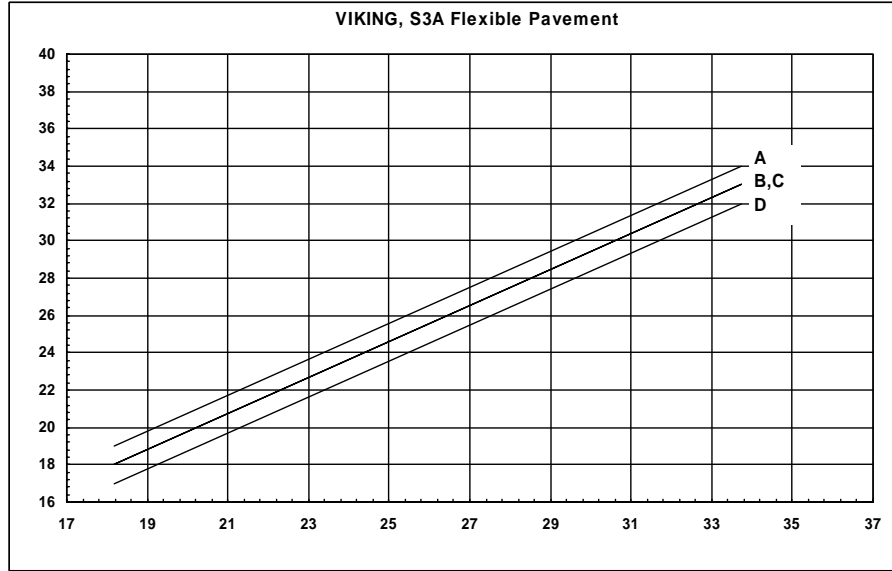
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
71.94	17	18	21	27
151.963	44	50	61	77



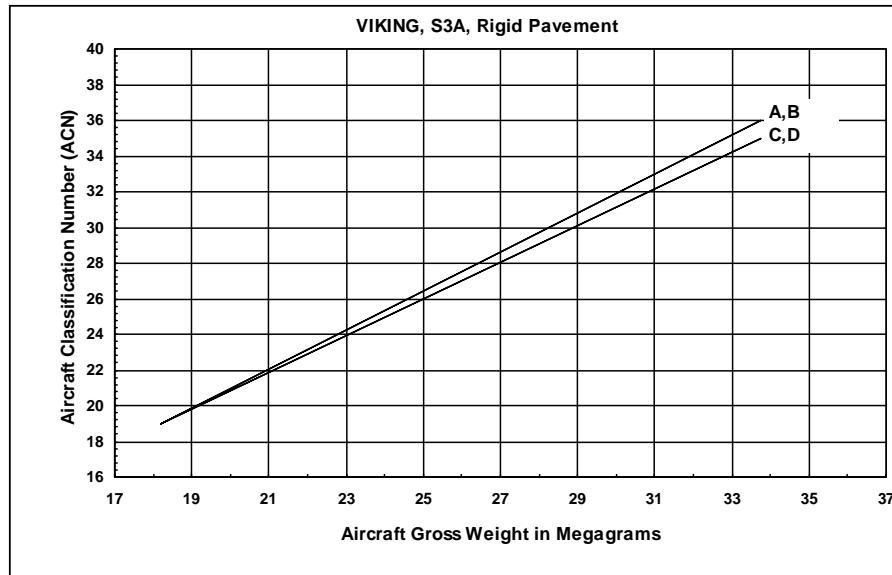
ACN Value for each Rigid Subgrade Category (k, MN/m ³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
71.94	16	17	20	23
151.963	38	46	56	65

SOURCE: AFCESA 2002

VIKING, S3A



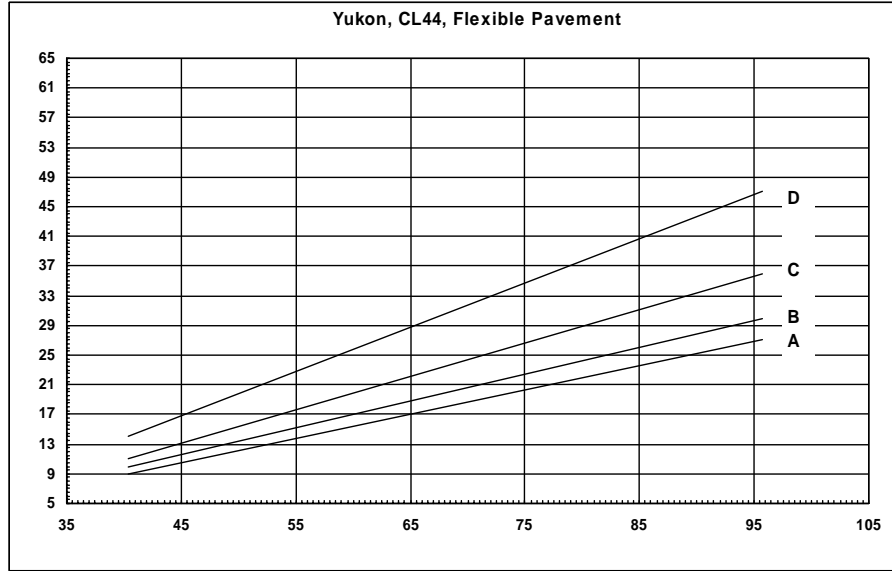
ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
18.191	19	18	18	17
33.724	34	33	33	32



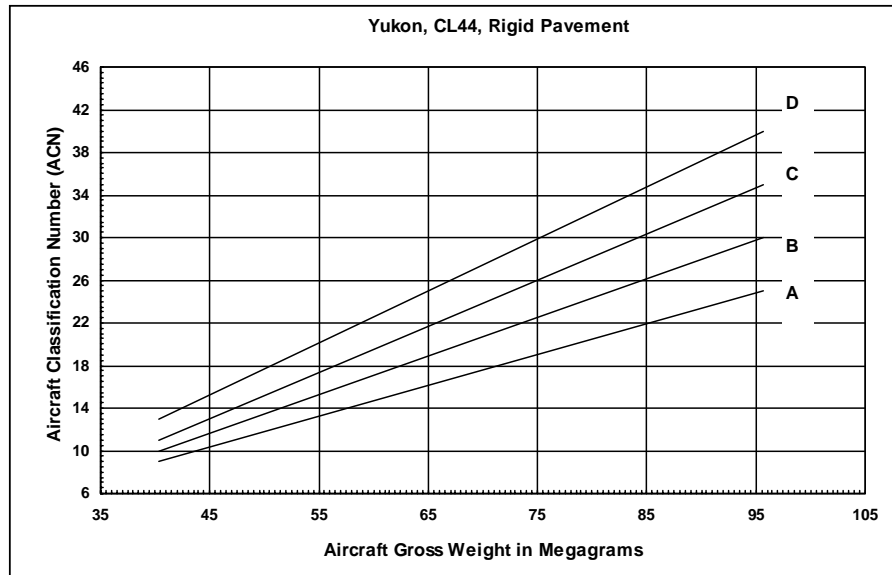
ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
18.191	19	19	19	19
33.724	36	36	35	35

SOURCE: AFCESA 2002

Yukon, CL44



ACN Value for each Flexible Subgrade Category (CBR, %)				
Load (Mg)	A (> 13)	B (8-13)	C (4-7.9)	D (< 4)
40.37	9	10	11	14
95.708	27	30	36	47



ACN Value for each Rigid Subgrade Category (k, MN/m³)				
Load (Mg)	A (> 120)	B (60-120)	C (25-60)	D (< 25)
40.37	9	10	11	13
95.708	25	30	35	40

SOURCE: AFCEA 2002