

ON-LINE AIRFIELD DESIGN WORKSHOP
Hosted by the
US Army Corps of Engineers Transportation Systems Center
Agenda

Presenters James Heusel, Brian Broekemeier, Mike Alley, Jim Lowe

Dates/Time: 20th May – 24th May 2024 from 1000 to 1400 Central each day

Location: On-line via WebEx –

<https://usace1.webex.com/usace1/j.php?MTID=ma63753bf35cac9aa6d255c53ce94d273>

Comments: The objective of the workshop is to review criteria requirements, discuss common issues, and share best practices. It does not include pavement thickness design (covered in PCASE design workshops) or details of surface or subsurface drainage design.

Session	Topic	
1	Welcome, Overview and Purpose	Heusel
2	Design Criteria References	Heusel
3	Project Data Gathering	Alley
4	Fixed Wing Runways	Heusel
5	Rotary Wing Airfields	Broekemeier
6	Special Use Airfields	Heusel
7	Taxiways and Aprons	Alley
8	Drainage (Surface and Subsurface)	Broekemeier
9	Airfield Pavement Markings	Alley
10	Aircraft Arresting Systems	Heusel
11	Design Package & Plan Drawings	Alley
12	Paving Materials and Specs	Heusel
13	Jointing Details & New to Existing PCC	Broekemeier
14	Pavement Repair Details	Alley
15	Joint Sealing Details	Broekemeier
16	Grooving Details	Heusel
17	Intro to Airfield Electrical Design	Lowe