

Appendix B
Facilities Standards Table

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Design Standards Table (Critical Aircraft: Cessna 182)

Component	Existing Condition	A-I Small (Existing)	A-I Small (Ultimate)
Runway 02L/20R, ADG A-I (Small), visibility minimum not lower than 1 mile			
Runway Design			
Length	4,012	3,350'	4,600'
Width	100'	60'	60'
Shoulder Width	10'	10'	10'
Runway Surface	Asphalt	Asphalt	Asphalt
Pavement Strength (pounds)	12,500	12,500	12,500
Runway Markings	Non Precision	Non Precision	Non Precision
Runway Lighting	MIRL	MIRL	MIRL
Blast Pad Width	N/A	N/A	N/A
Blast Pad Length	N/A	N/A	N/A
Alignment (based on AGIS 2011-2020 wind data)	99.89% crosswind coverage at 10.5kts	>95% crosswind coverage at 10.5kts	>95% crosswind coverage at 10.5kts
Runway Protection			
Runway Safety Area (RSA)			
RSA Length Beyond Runway End	240' (02L) 240' (20R)	240' (02L) 240' (20R)	240' (02L) 240' (20R)
RSA Width	120'	120'	120'
Runway Object Free Area (ROFA)			
ROFA Beyond Runway End	240' (02L) 200' (20R)	240' (02L) 240' (20R)	240' (02L) 240' (20R)
ROFA Prior to Threshold	200' (20R) 240' (02L)	240' (02L) 240' (20R)	240' (02L) 240' (20R)
ROFA Width	500'	250'	250'
Runway Obstacle Free Zone (ROFZ)			
ROFZ Length	4,412'	3,750'	4,412'
ROFZ Width	250'	250'	250'
Runway Protection Zone (RPZ)			
RPZ Inner Width	250'	250'	500'
RPZ Outer Width	450'	450'	700'
RPZ Length	1,000'	1,000'	1,000'
Runway Separation			
Holding Position	125'	125'	125'
Aircraft Parking Area	330'/380'	125'	125'
Parallel Runway	200'	N/A (No Simultaneous Ops)	200'
Parallel Taxiway	240' (TW A); 300' (TW B)	150'	150'
Helicopter Touchdown Pad	N/A	Refer to AC 150-5390-2C	Refer to AC 150-5390-2C
NOTES			

Design Standards Table (Critical Aircraft: Cessna 180)

Component	Existing Condition	A-I Small (Existing)	A-I Small (Ultimate)
Runway 02R/20L, ADG A-I (Small), visibility minimum not lower than 1 mile			
Runway Design			
Length	1,802'	3,550'	1,802'
Width	50'	60'	60'
Shoulder Width	10'	10'	10'
Runway Surface	Gravel ¹	Gravel ¹	Gravel ¹
Pavement Strength (pounds)	12,500	12,500	12,500
Runway Markings	N/A ²	N/A ²	N/A ²
Runway Lighting	Retro Reflective Markers	Retro Reflective Markers	Retro Reflective Markers
Blast Pad Width	N/A	N/A	N/A
Blast Pad Length	N/A	N/A	N/A
Alignment (based on AGIS 2011-2020 wind data)	99.89% crosswind coverage at 10.5kts	>95% crosswind coverage at 10.5kts	>95% crosswind coverage at 10.5kts
Runway Protection			
Runway Safety Area (RSA)			
RSA Length Beyond Runway End	240' (02R) 240' (20L)	240' (02R) 240' (20L)	240' (02R) 240' (20L)
RSA Width	120'	120'	120'
Runway Object Free Area (ROFA)			
ROFA Beyond Runway End	240' (02R) 240' (20L)	240' (02R) 240' (20L)	240' (02R) 240' (20L)
ROFA Prior to Threshold	240' (02R) 240' (20L)	240' (02R) 240' (20L)	240' (02R) 240' (20L)
ROFA Width	250'	250'	250'
Runway Obstacle Free Zone (ROFZ)			
ROFZ Length	2,602'	4,410'	2,602'
ROFZ Width	250'	250'	250'
Runway Protection Zone (RPZ)			
RPZ Inner Width	250'	250'	250'
RPZ Outer Width	450'	450'	450'
RPZ Length	1,000'	1,000'	1,000'
Runway Separation			
Holding Position	125'	125'	125'
Aircraft Parking Area	125'	125'	125'
Parallel Runway	200'	N/A (No Simultaneous Ops)	200'
Parallel Taxiway	0' (TW A) / 540' (TW B)	150'	540' (TW B)
Helicopter Touchdown Pad	N/A	Refer to AC 150-5390-2C	Refer to AC 150-5390-2C

NOTES

¹ The north 600' of the runway is paved with Asphalt
² The paved portion of Runway 20L has visual markings