RUNWAY DATA

	DESCRIPTION	RUNWAY 16-34			
		RUNWAY 16		RUNWAY 34	
		EXISTING	ULTIMATE	EXISTING	ULTIMATE
AIRSPACE & RUNWAY DESIGN	DESIGN AIRCRAFT BY RUNWAY	CESSNA 208 B CARAVAN	SAME	CESSNA 208 B CARAVAN	SAME
	RUNWAY DESIGN CODE (RDC)	B-II (s) - 5000	SAME	B-II (s) - 5000	SAME
	APPROACH REFERENCE CODE (APRC)	B-II (s) - 5000	SAME	B-II (s) - 5000	SAME
	DEPARTURE REFERENCE CODE (DPRC)	B-II (s)	SAME	B-II (s)	SAME
	APPROACH VISIBILITY MINIMUMS	>1 MILE	SAME	>1 MILE	SAME
	APPROACH TYPE	NON-PRECISION	SAME	NON-PRECISION	SAME
	14 CFR PART 77 APPROACH CATEGORY (SLOPE)	20:1	SAME	20:1	SAME
	RUNWAY IDENTIFICATION	UTILITY	SAME	UTILITY	SAME
	DEPARTURE SURFACE (40:1 SLOPE)	YES	SAME	YES	SAME
	AERONAUTICAL SURVEY REQUIREMENT	NOT VERTICALLY	SAME	NOT VERTICALLY	SAME
	THRESHOLD SITING SURFACE RUNWAY TYPE	TYPE 2	SAME	TYPE 2	SAME
	THRESHOLD SITING SURFACE PENETRATIONS	YES	SAME	YES	SAME
	LINE OF SIGHT REQUIREMENT MET	YES	SAME	YES	SAME
RUNWAY CHARACTERISTICS	RUNWAY LENGTH	2901'	3255'	2901'	3255'
	RUNWAY WIDTH	60'	75'	60'	75'
	RUNWAY SHOULDER WIDTH (EXISTING/STANDARD)	UNKNOWN/10'	10'	UNKNOWN/10'	10'
	RUNWAY BLAST PAD DIMENSIONS (LENGTH X WIDTH)	231' x 60'	NONE	256' x 60'	NONE
	RUNWAY END LATITUDE	48 ° 42' 44.32" N	48° 42' 46.21" N	48° 42' 15.70" N	48° 42' 14.09" N
	RUNWAY END LONGITUDE	122° 54' 38.06" W	122° 54' 38.05" W	122° 54' 38.21" W	122° 54' 38.27" W
	RUNWAY END ELEVATION	11.2'	14'	34.7'	36'
	DISPLACED THRESHOLD LATITUDE	N/A	48° 42' 44.32" N	N/A	N/A
	DISPLACED THRESHOLD LONGITUDE	N/A	122° 54' 38.06" W	N/A	N/A
	DISPLACED THRESHOLD ELEVATION	N/A	14'	N/A	SAME
	DISPLACED THRESHOLD DISTANCE	N/A	191'	N/A	SAME
	RUNWAY TOUCHDOWN ZONE ELEVATION	11'	15.6'	35'	35.4'
	RUNWAY HIGH POINT ELEVATION	34.7'	36'	34.7'	36'
	RUNWAY LOW POINT ELEVATION	11.2'	14'	11.2'	14'
	TRUE BEARING	S 1° 48' 11.75" E	SAME	S 1° 48' 11.75" E	SAME
	EFFECTIVE GRADIENT	0.80%	0.68%	-0.80%	0.68%
	MAXIMUM GRADIENT	1.2%	0.68%	1.2%	0.68%
	PAVEMENT STRENGTH (LBS)				
	PAVEMENT STRENGTH - PCN	UNKNOWN	SAME	UNKNOWN	SAME
	SINGLE WHEEL	12,500	SAME	12,500	SAME
	PAVEMENT SURFACE TYPE	ASPHALT	SAME	ASPHALT	SAME
	PAVEMENT SURFACE TREATMENT	AFSC	SAME	AFSC	SAME
MISC	RUNWAY ℄ TO PARALLEL TWY ℄ SEPARATION	SEE TAXIWAY DATA TABLE			
	RUNWAY ℄ TO HOLDLINE SEPARATION	125'	SAME	125'	SAME
	RUNWAY LIGHTING	MIRL	SAME	MIRL	SAME
	RUNWAY MARKING	NPI	SAME	NPI	SAME
	VISUAL APPROACH AIDS	REIL, PAPI	SAME	REIL, PAPI	SAME
	INSTRUMENT APPROACH AIDS	GPS	SAME	GPS	SAME
	PERCENT WIND COVERAGE - ALL WEATHER (10.5 KTS)	99.5%	SAME	99.5%	SAME
RUNWAY PROTECTION	**RUNWAY PROTECTION ZONE (RPZ)**				
	INNER WIDTH (EXISTING / STANDARD)	250' / 250'	SAME	250' / 250'	SAME
	OUTER WIDTH (EXISTING / STANDARD)	450' / 450'	SAME	450' / 450'	SAME
	LENGTH (EXISTING / STANDARD)	1000' / 1000	SAME	1000' / 1000	SAME
	RUNWAY SAFETY AREA (RSA)				
	LENGTH BEYOND RUNWAY END (EXISTING / STANDARD)	300' / 300'	SAME	300' / 300'	SAME
	WIDTH (EXISTING / STANDARD)	150' / 150'	SAME	150' / 150'	SAME
	RUNWAY OBJECT FREE AREA (ROFA)				
	LENGTH BEYOND RUNWAY END (EXISTING / STANDARD)	300' / 300'	SAME	300' / 300'	SAME
	WIDTH (EXISTING / STANDARD)	500' / 500'	SAME	500' / 500'	SAME
	RUNWAY OBSTACLE FREE ZONE (OFZ)				
	LENGTH BEYOND RUNWAY END (EXISTING / STANDARD)	200' / 200'	SAME	200' / 200'	SAME
	WIDTH (EXISTING / STANDARD)	250' / 250'	SAME	250' / 250'	SAME

AIRPORT DATA

DESCRIPTION		EXISTING	ULTIMATE
AIRPORT REFERENCE CODE		B-II (s)	B-II (s)
MEAN MAX TEMP. OF HOTTEST MONTH		70' (JULY)	N/A
AIRPORT ELEVATION (MSL) (NAVD 88)		34.7°	36.7'
AIRPORT NAVAIDS		BEACON	SAME
APPROACH VISIBILITY MINIMUMS	LATITUDE	48° 42' 30.01" N	48° 42' 30.15" N
	LONGITUDE	112° 54' 38.16" W	112° 54' 38.16" W
MISCELLANEOUS FACILITIES (AWOS, WIND CONES, ETC.)		BEACON, AWOS, WINDCONE, RW 16 PAPI*, MIRL	SAME
DESIGN AIRCRAFT	MAKE AND MODEL	CESSNA 208 B CARAVAN	CESSNA 208 B CARAVAN
	WINGSPAN	52.08'	52.08'
	UNDERCARRIAGE WIDTH	11.67'	11.67'
	APPROACH SPEED (KTS)	79	79
	MAX TAKEOFF WEIGHT (LBS)	8,000	8,000
MAGNETIC VARIATION (NOV. 2018)		0° 9' W	N/A
NPIAS SERVICE LEVEL		GA	SAME
STATE AIRPORT CLASSIFICATION		COMMUNITY	SAME

[1]1R 16 PAPI Owned By FAA (All other by the port)
[2]http://www.ncdc.noaa.gov

SHEET NOTES:
1. HORIZONTAL DATUM IS NORTH AMERICAN DATUM (NAD 83) AND VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).

MODIFICATIONS TO STANDARDS

ITEM	EXISTING	ULTIMATE
RUNWAY 16/34	NONE	NONE
PARALLEL TAXIWAY	NONE	NONE

NON STANDARD CONDITIONS

ITEM	CONDITION	MITIGATION
RUNWAY 16/34	OBSTRUCTION WITHIN ROFA	PROPOSED MOS
PARALLEL TAXIWAY	OBSTRUCTION WITHIN ROFA	PROPOSED MOS

DECLARED DISTANCES

	EXISTING		ULTIMATE	
	RUNWAY 16	RUNWAY 34	RUNWAY 16	RUNWAY 34
TORA	2,901'	2,901'	3,255'	3,064'
TODA	2,901'	2,901'	3,255'	3,064'
ASDA	2,901'	2,901'	3,255'	3,064'
LDA	2,901'	2,901'	3,064'	3,064'

WIND DATA

RUNWAY	CROSSWIND COVERAGE			
	ALL WEATHER		IFR	
	10.5 KNOTS	13 KNOTS	10.5 KNOTS	13 KNOTS
16/34	99.55%	99.89%	99.37%	99.81%

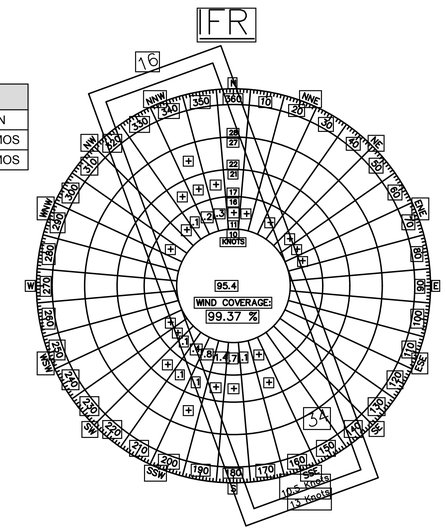
SOURCE: DATA FROM https://airports-gis.faa.gov/windRose/windData.
TIME: 2008 - 2017

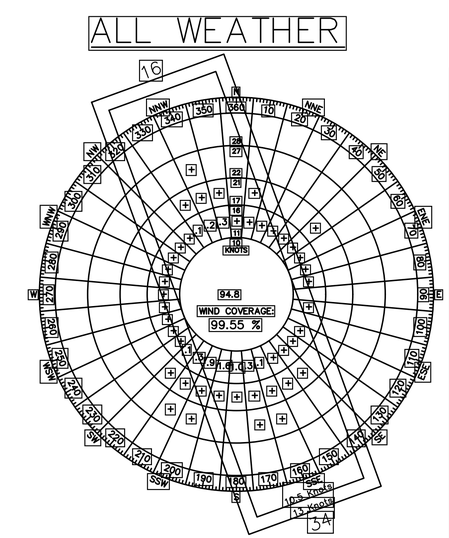
TAXILANE DATA TABLE

DESCRIPTION	STANDARD	EXISTING	ULTIMATE
TAXIWAY DESIGN GROUP (TDG)	1A	1A	1A
TAXILANE OBJECT FREE AREA	79'	79'	79'
TAXILANE CENTERLINE TO FIXED / MOVABLE OBJECT	39.5'	39.5'	39.5'
TAXILANE CENTERLINE TO PARALLEL TAXILANE CENTERLINE	64'	64'	64'
TAXILANE WINGTIP CLEARANCE	15'	15'	15'
TAXILANE WIDTH	25'	25'	25'
TAXILANE SAFETY AREA	49'	25'	49'

TAXIWAY DATA TABLE

DESCRIPTION	STANDARD	TAXIWAY A		TAXIWAY A1		TAXIWAY A2		TAXIWAY A3		TAXIWAY A3		TAXIWAY A4		TAXIWAY B1	
		EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
TAXIWAY DESIGN STANDARDS															
TAXIWAY DESIGN GROUP (TDG)	1A	1A	SAME	1A	SAME	1A	SAME	1A	SAME	1A	SAME	1A	SAME	1A	SAME
TAXIWAY MATERIAL		ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME
TAXIWAY WIDTH	25'	25'	SAME	35'	SAME	45'	SAME	35'	SAME	35'	SAME	115'	SAME	25'	SAME
TAXIWAY EDGE SAFETY MARGIN (TESM)	5'	5'	SAME	5'	SAME	5'	SAME	5'	SAME	5'	SAME	5'	SAME	5'	SAME
TAXIWAY SHOULDER WIDTH	10'	10'	SAME	10'	SAME	10'	SAME	10'	SAME	10'	SAME	10'	SAME	10'	SAME
TAXIWAY LIGHTING	MITL														
RUNWAY ℄ TO PARALLEL TWY ℄ SEPARATION	150'	150'	240'	N/A	SAME	N/A	SAME	N/A	SAME	N/A	SAME	N/A	SAME	N/A	SAME
TAXIWAY PROTECTION															
TAXIWAY SAFETY AREA (TSA)	49'	19'	49'	19'	49'	19'	49'	19'	49'	19'	49'	19'	49'	49'	SAME
TAXIWAY OBJECT FREE AREA (TOFA)	89'	47'	89'	47'	89'	47'	89'	47'	89'	47'	89'	47'	89'	89'	SAME
WINGTIP CLEARANCE															
TAXIWAY WINGTIP CLEARANCE	20'	20'	SAME	20'	SAME	20'	SAME	20'	SAME	20'	SAME	20'	SAME	20'	SAME
TAXIWAY ℄ TO FIXED OR MOVABLE OBJECT	44.5'	312'	SAME	312'	SAME	44.5'	SAME	44.5'	SAME	44.5'	SAME	44.5'	SAME	44.5'	SAME





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