

RUNWAY DATA			
RUNWAY 14-32			
	EXISTING	FUTURE	
UTILITY / GREATER THAN UTILITY	Greater Than Utility	No Change	
RUNWAY DESIGN CODE	B-II-5000	No Change	
AIRPORT REFERENCE CODE	B-II	No Change	
APPROACH REFERENCE CODE	14 B/II/VIS 14 B/II/5000 32 B/II/5000 32	No Change	
DEPARTURE REFERENCE CODE	B-II	No Change	
CRITICAL AIRCRAFT (A)	AIRCRAFT	Super King Air 350	No Change
	WINGSPAN	57.8'	No Change
	APPROACH SPEED (kts)	115	No Change
	MAX. TAKEOFF WT. (lbs.)	12,500	No Change
	COCKPIT TO MAIN GEAR	<14'	No Change
	MAIN GEAR WIDTH	17.1'	No Change
	TAXIWAY DESIGN GROUP	2	No Change
PAVEMENT STRENGTH AND MATERIAL TYPE (E)	SURFACE MATERIAL	Asphalt	No Change
	DESIGN STRENGTH (1,000# - 9.D/D)	30/45-	No Change
	STRENGTH BY PCN	N/A	No Change
	SURFACE TREATMENT	None	No Change
EFFECTIVE GRADIENT (%)	0.04%	No Change	
MAXIMUM GRADIENT (%)	0.32%	No Change	
VERTICAL LINE OF SIGHT PROVIDED	Yes	No Change	
RUNWAY LENGTH	5,179'	No Change	
RUNWAY WIDTH	75'	No Change	
DISPLACED THRESHOLD	14 None 14 32 None 32	No Change	
RUNWAY END ELEVATIONS (C)	14 239.5' 14 32 237.5' 32	No Change	
DISPLACED THRESHOLD ELEVATIONS	14 None 14 32 None 32	No Change	
RUNWAY TOUCH DOWN ZONE ELEVATIONS (C)	14 239.5' 14 32 238.3' 32	No Change	
RUNWAY HIGH POINT (C)	239.5'	No Change	
RUNWAY LOW POINT (C)	237.5'	No Change	
RUNWAY SAFETY AREA (RSA) LENGTH BEYOND RUNWAY END	REQUIRED	14 300' 14 32 300' 32	No Change
	ACTUAL	14 300' 14 32 300' 32	No Change
RUNWAY SAFETY AREA WIDTH	REQUIRED 150' ACTUAL 150'	No Change	
RUNWAY EDGE LIGHTING	Medium Intensity	No Change	
RUNWAY PROTECTION ZONE (RPZ) (Inner Width x Outer Width x Length)	14 500' x 700' x 1,000' 32 500' x 700' x 1,000'	No Change	
RUNWAY MARKING	14 Visual 32 Non Precision	No Change	
PART 77 APPROACH CATEGORY	14 [B(V)] 32 [C(NP)]	No Change	
PART 77 APPROACH SLOPE	14 20:1 32 34:1	No Change	
APPROACH VISIBILITY MINIMUMS	14 Visual 32 1-Mile	No Change	
AERONAUTICAL SURVEY REQUIRED (VERTICALLY GUIDED OR NOT)	14 NVGS 32 NVGS	No Change	
RUNWAY DEPARTURE SURFACE	14 40:1 32 40:1	No Change	
RUNWAY OBJECT FREE AREA (ROFA) (Length Beyond Runway End)	14 300' 32 300'	No Change	
RUNWAY OBJECT FREE AREA WIDTH	500'	No Change	
OBSTACLE FREE ZONE (OFZ) (Length Beyond Runway End)	14 200' 32 200'	No Change	
OBJECT FREE ZONE WIDTH	400'	No Change	
INNER-APPROACH OFZ LENGTH (For Runways w/ Approach Lighting System. Begins 200' from Runway end @ 90:1)	14 N/A 32 N/A	No Change	
INNER-APPROACH OFZ WIDTH	N/A	No Change	
INNER-TRANSITIONAL OFZ WIDTH (For Runways w/ <3/4-mile Approach Visibility Minimums)	14 N/A 32 N/A	No Change	
PRECISION OBSTACLE FREE ZONE (L x W) (For Runways w/ vert. guided approach and <250' ceiling <3/4-mile visibility)	14 N/A 32 N/A	No Change	
THRESHOLD SITING SURFACE (Per AC 150/5300-13A, Table 3-2 - Change 1, FAA Memorandum dated 8-15-14. See Airspace Plan for more information.)	14 Type 3, 20:1 32 Type 4, 20:1	No Change	
NAVIGATION AIDS (Approach End of Runway)	14 GPS / VOR (Circling Approach)	No Change	
	32 GPS / VOR (Circling Approach)	No Change	
VISUAL AIDS (Approach End of Runway)	14 PAPI (4R)	No Change	
	32 PAPI (4L), REILS	No Change	
RUNWAY C.L. TO:	PARALLEL RUNWAY C.L.	N/A	No Change
	HOLDING POSITION	200'	No Change
	PARALLEL TAXIWAY C.L.	240'	No Change
	AIRCRAFT PARKING AREA	330'	No Change
HELICOPTER LANDING PAD	N/A	No Change	

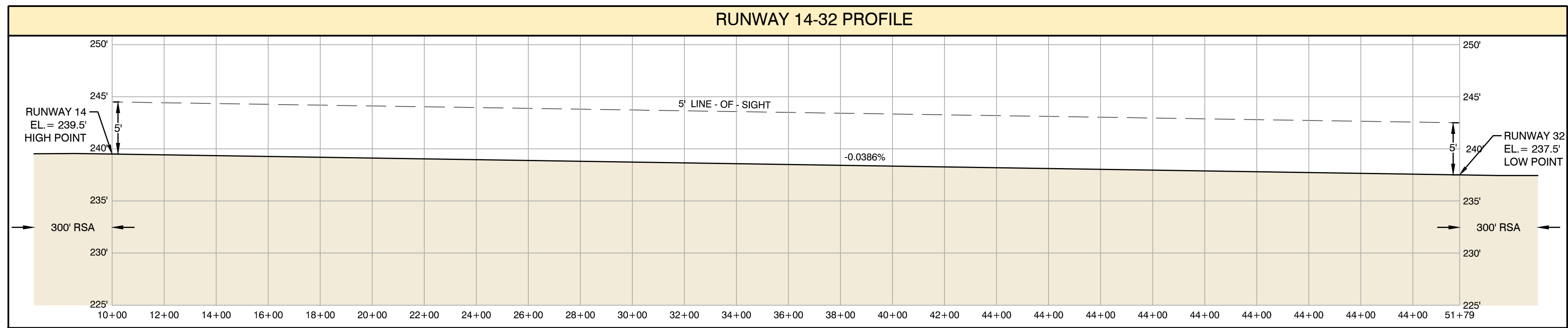
TAXIWAY DATA															
	A		B		C		E		F		T-HANGAR TAXILANES (T)		BOX-HANGAR TAXILANE		
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	
TAXIWAY DESIGN GROUP	2	No Change	2	(T)	2	No Change	2	No Change	2	No Change	1B	No Change		2	
AIRCRAFT DESIGN GROUP	II	No Change	II		II	No Change	II	No Change	II	No Change	I	No Change		II	
WIDTH	35'	No Change	75'		30' (T)	35'	35'	No Change	35'	No Change	25'	No Change		35'	
TAXIWAY SAFETY AREA WIDTH	79'	No Change	79'		79'	No Change	79'	No Change	79'	No Change	49'	No Change		79'	
TAXIWAY EDGE SAFETY MARGIN	7.5'	No Change	7.5'		7.5'	No Change	7.5'	No Change	7.5'	No Change	5'	No Change		7.5'	
TAXIWAY OBJECT FREE AREA WIDTH	131'	No Change	131'		131'	No Change	131'	No Change	131'	No Change	70'	No Change		115'	
DISTANCE FROM TWY. Q TO FIXED/MOVABLE OBJECT	65.5'	No Change	65.5'		65.5'	No Change	65.5'	No Change	65.5'	No Change	35'	No Change		57.5'	
TAXIWAY WING TIP CLEARANCE	26'	No Change	26'		26'	No Change	26'	No Change	26'	No Change	14'	No Change		18'	
DISTANCE FROM RUNWAY Q TO TAXIWAY Q	240'	No Change	N/A		N/A	No Change	N/A	No Change	N/A	No Change	N/A	No Change		N/A	
TAXIWAY LIGHTING	Medium	No Change	Medium		Medium	No Change	Medium	No Change	Medium	No Change	None	No Change		None	
DISTANCE FROM RUNWAY Q TO HOLD BARS	200'	No Change	200'		200'	No Change	200'	No Change	200'	No Change	N/A	No Change		N/A	

NOTES:
(T) Taxiway B is a non-standard taxiway and proposed to be removed. See ALP Sheet 2 and Non-Standard condition N3.
(T) T-Hanger taxilanes include the 7 rows of taxilanes accessing the T-Hangers and T-Shelters. These taxilanes are designed for aircraft with wingspans <40', such as most Cessna single engine piston aircraft, up to Cessna 401/402 (39.8'). Taxiway wingtip clearance formula allows for aircraft up to 40' wingspan: 1.2 (40) + 20' = 68'.
(T) Taxiway C has a non-standard width. It is proposed to be widened to meet standards. See Nonstandard Condition N5, Sheet 2.

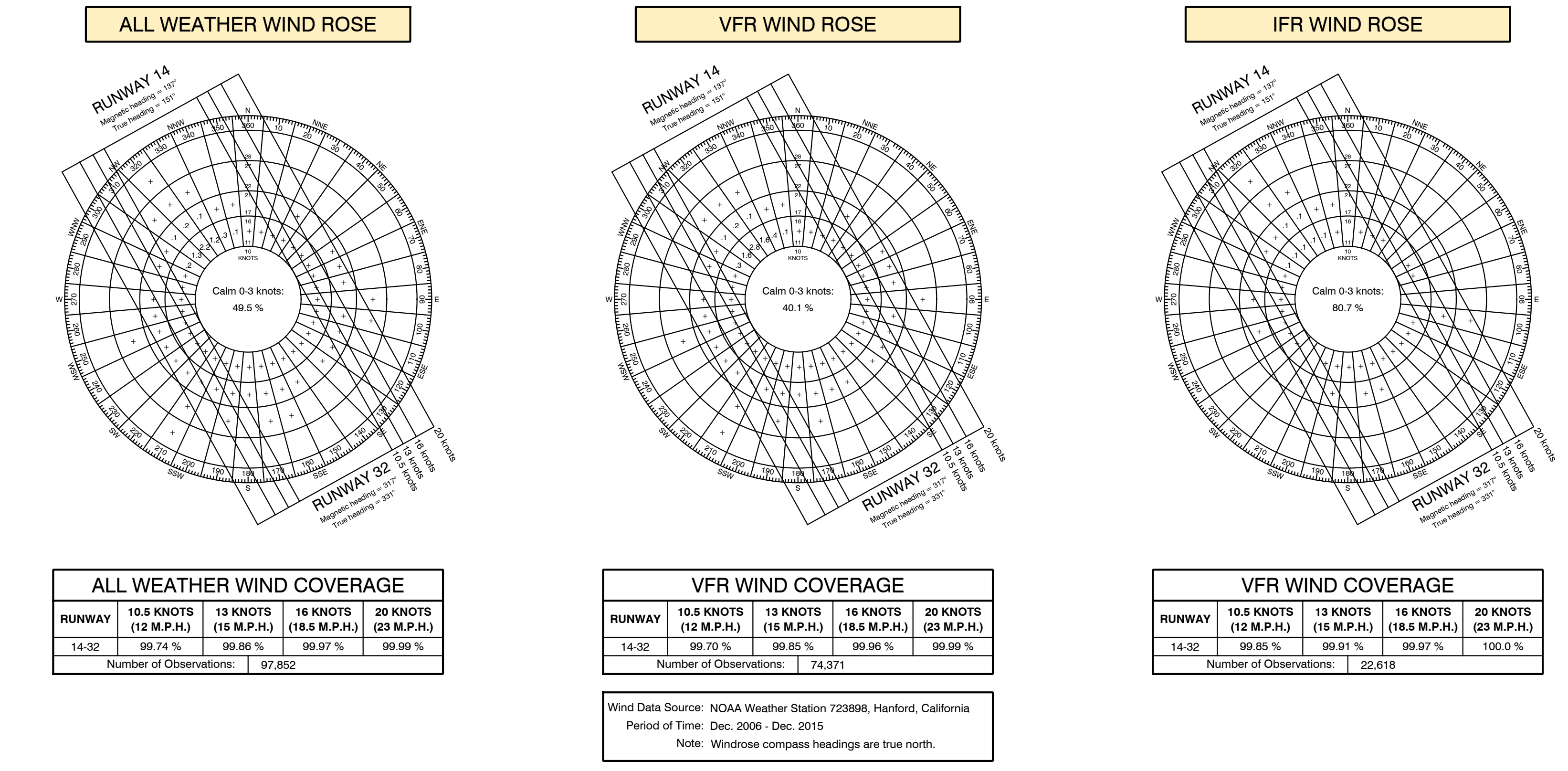
AIRPORT DATA			
	EXISTING	FUTURE	
AIRPORT REFERENCE CODE	B-II	No Change	
MEAN MAX. TEMP. (Hottest Month) (D)	97.8° F (Jul, Aug)	No Change	
AIRPORT ELEVATION (Above Mean Sea Level) (C)	239.5'	No Change	
AIRPORT NAVIGATIONAL AIDS	GPS, VOR, REILS, PAPI, Beacon, SeqCircle	No Change	
AIRPORT REFERENCE POINT (b)	LATITUDE	36° 19' 00.2" N	No Change
	LONGITUDE	119° 37' 39.6" W	No Change
MISCELLANEOUS FACILITIES	100LL Fuel, Tiedowns, Minor Powerplant Service	No Change	
CRITICAL AIRCRAFT	Super King Air 350	No Change	
MAGNETIC VARIATION	13° 59' East March 2015	Moving 0° 5' West Per Year	
NPIAS SERVICE LEVEL	GA - Local	No Change	
STATE SERVICE LEVEL	Regional	No Change	
AIRPORT ACREAGE (I)	Fee Simple	297	±480
	Avigation Easement	0	8.4

RUNWAY END COORDINATES (D)			
	EXISTING		FUTURE
	14	LATITUDE 36° 19' 22.68" N	No Change
32	LONGITUDE 119° 37' 54.65" W	No Change	
	ELEVATION 239.5'	No Change	
32	LATITUDE 36° 18' 37.67" N	No Change	
	LONGITUDE 119° 37' 24.48" W	No Change	
	ELEVATION 237.5'	No Change	

MODIFICATIONS TO STANDARDS
NONE REQUIRED



DECLARED DISTANCES				
	EXISTING		FUTURE	
	RUNWAY 14	RUNWAY 32	RUNWAY 14	RUNWAY 32
TAKEOFF RUN AVAILABLE (TORA)	5,179'	5,179'	No Change	No Change
TAKEOFF DISTANCE AVAILABLE (TODA)	5,179'	5,179'	No Change	No Change
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	5,179'	5,179'	No Change	No Change
LANDING DISTANCE AVAILABLE (LDA)	5,179'	5,179'	No Change	No Change



ALP DATA NOTES

- ALP prepared using design criteria from FAA Advisory Circulars 150/5300-13A Change 1, "Airport Design", 150/5070-6A, FAA Standard Operating Procedures 2.00 and 3.00, and Part 77 of the Federal Aviation Regulations (FAR), "Safe, Efficient Use, and Preservation of the Navigable Airspace."
- Magnetic Declination source: National Geophysical Data Center web site.
- Critical design aircraft determined through discussions with airport staff and Flight Aware Data. Minimal operation data exists in FAA databases.
- All coordinates NAD83. Horizontal datum source: Airport AVN Data Sheet and 5010 Master Record.
- All runway elevations NAVD88. Vertical datum source: Airport AVN Data Sheet and 5010 Master Record.
- Temperature data source: Western Regional Climate Center, Station ID: Hanford, California #043747.
- Pavement design strength source: 5010 Master Record.
- Property and easement calculations based on property lines provided by the Airport. To view all future property and easements, see Exhibit 'A' Property Map (Sheet 8).

5	13A Update, Fuel island relocation.	Mead & Hunt	Jul. 2016
4	Future hangar locations	Mead & Hunt	Oct. 2009
3	Taxiway A Realignment	Mead & Hunt	Nov. 2005
2	Lat./Long correction, Property acquisition, Pavement removal		May 2001
1	Runway extension construction		Dec. 2000
NO.	REVISION	SPONSOR	DATE
HANFORD MUNICIPAL AIRPORT HANFORD, CALIFORNIA			
AIRPORT DATA SHEET			
		133 Aviation Boulevard, Suite 100 Santa Rosa, California 95403 (707) 526-5010 Fax (707) 526-9721 www.meadhunt.com	
DESIGN:	BM	DRAWN:	TE/BR/BM
DATE:	July 2016	SHEET:	3 OF 8

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