RUNWAY DATA TABLE

DATA ELEMENTS		RWY 14 EXISTING	RWY 14 FUTURE	RWY 32 EXISTING	RWY 32 FUTURE
RUNWAY CATEGORY/DESIGN GROUP CODE		C–III	SAME	C–III	SAME
RUNWAY AZIMUTH		162°49'37"	161°28'37"	342°49'37"	341°28'37"
RUNWAY BEARING (TRUE)		N 30°12'47" W	SAME	N 30°12'47" W	SAME
MAXIMUM RUNWAY ELEVATION (MSL)		756.7'	747'	780.7	SAME
WIND COVERAGE (%)	12 MPH	93.7%	SAME	93.7%	SAME
	15 MPH	96.3%	SAME	96.3%	SAME
	18 MPH	96.7%	SAME	96.7%	SAME
RUNWAY DIMENSIONS	WIDTH	100'	SAME	100'	SAME
	LENGTH	5500'	8000'	5500'	8000'
RUNWAY INSTRUMENTATION		NON–PRECISION	SAME	VISUAL	SAME
APPROACH SLOPE		34:1	SAME	20:1	SAME
APPROACH VISIBILITY MINIMUMS		1 1/4 MILE	SAME	3 MILE	SAME
THRESHOLD DISPLACEMENT		NONE	SAME	NONE	SAME
RUNWAY STOPWAY	WIDTH	NONE	SAME	NONE	SAME
	LENGTH	NONE	SAME	NONE	SAME
RUNWAY SAFETY AREA (RSA)	DIMENSIONS	7,500' x 500'	10,000' x 500'	7,500' x 500'	10,000' x 500'
	WIDTH	500'	SAME	500'	SAME
	LENGTH BEYOND RUNWAY END	1000'	SAME	1000'	SAME
OBJECT FREE AREA	DIMENSIONS	7,500' x 800'	10,000' x 800'	7,500' x 800'	10,000' x 800'
	WIDTH	800'	SAME	800'	SAME
	LENGTH BEYOND RUNWAY END	1000'	SAME	1000'	SAME
OBSTACLE FREE ZONE	DIMENSIONS	5,900' x 400'	8,400' x 400'	5,900' x 400'	8,400' x 400'
	WIDTH	400'	SAME	400'	SAME
	LENGTH BEYOND RUNWAY END	200'	SAME	200'	SAME
PAVEMENT STRENGTH	POUNDS (1000)	30	100	30	100
		SINGLE WHEEL	DUAL WHEEL	SINGLE WHEEL	DUAL WHEEL
RUNWAY SURFACE TYPE		ASPHALT	SAME	ASPHALT	SAME
PAVEMENT SURFACE TREATMENT		PRESERVATION	SAME	PRESERVATION	SAME
RUNWAY MARKING		NON–PRECISION	SAME	NON–PRECISION	SAME
RUNWAY EFFECTIVE GRADIENT (%)		0.44%	0.46%	0.44%	0.46%
RUNWAY LIGHTING (LIRL, MIRL, HIRL)	TYPE	MIRL	SAME	MIRL	SAME
RUNWAY APPROACH LIGHTING (ODALS, MALSAR, ETC.)		NONE	SAME	NONE	SAME
NAVAIDS (ILS, NDB, GPS)		VOR/DME, GPS–A	SAME	NONE	GPS
VISUAL AIDS (OVGI, REIL, ETC.)		PAPI, REILS	SAME	PAPI, REILS	SAME
FAR PART 77 CATEGORY		NON–PRECISION	SAME	VISUAL	SAME

LEGEND

DATA ELEMENTS	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
AIRPORT REFERENCE POINT		
AIRPORT ROTATING BEACON		
BUILDINGS		
WIND SOCK		
SEGMENTED CIRCLE		
RUNWAY END IDENTIFIER LIGHTS (REIL)		
PAPI		
RUNWAY LIGHTS		
FENCING		
DRAINAGE		
TOPOGRAPHIC CONTOURS	750	
BUILDING RESTRICTION LINE (BRL)		
OBJECT FREE AREA (OFA)		
RUNWAY SAFETY AREA (RSA)		
OBSTACLE FREE ZONE (OFZ)		
SECTION CORNERS		
FUTURE PROJECT		
AVIGATION EASEMENT		
FUTURE DEVELOPMENT		

GENERAL NOTES

1. NORTH AMERICAN DATUM (NAD 83) USED FOR ALL LAT/LONG IDENTIFICATIONS.
2. THE BUILDING RESTRICTION LINE (BRL) EAST OF THE RUNWAY IS ESTABLISHED TO PROVIDE PART 77 CLEARANCE FOR A 20–FT HIGH OBJECT AT THE BRL AND WILL MEET ALL FEDERAL AVIATION ADMINISTRATION AIRPORT DESIGN STANDARDS E.G. LINE OF SIGHT STANDARDS, WINGTIP CLEARANCES, ETC. FUTURE RELOCATION OF THE BRL IS SUBJECT TO SUBMISSION OF A REVISED ALP.
3. THE BRL WEST OF THE RUNWAY IS ESTABLISHED PER TAXIWAY BETA TAXIWAY OBJECT FREE AREA AND WILL MEET FAA AIRPORT DESIGN STANDARDS AND WILL NOT PENETRATE FAR PART 77 SURFACES.
4. NO OFZ OBJECT PENETRATIONS.
5. BASE MAP AND CONTOUR DATA FROM PREVIOUS AIRPORT LAYOUT PLAN. NEW DATA (I.E. NEW DEVELOPMENT, FUTURE PROJECTS) FROM AIRPORT STAFF AND LIMITED MASTER PLAN UPDATE.
6. DUE TO STEEP TERRAIN, AERONAUTICAL DEVELOPMENT IS NOT ECONOMICALLY FEASIBLE. PER BUREAU OF LAND MANAGEMENT DEED, LAND TO BE DEVELOPED FOR CIVIL AVIATION PURPOSES. USE OF LAND FOR NON–AERONAUTICAL USES SUBJECT TO A SURPLUS LAND APPLICATION OR PROPOSAL TO FAA COMPLIANCE JUSTIFYING A JOINT AERONAUTICAL/NON–AERONAUTICAL USE FACILITY, E.G. CONFERENCE CENTER.
7. THE ROADWAYS ON THE AIRPORT ARE NONDESIGNATED PUBLIC–USE ROADS, WHICH LIE UNDER CIVIL JURISDICTION.
   - ROADWAY A : AIRPORT ENTRANCE ROAD. INCLUDES TERMINAL CURB–FRONT AND PUBLIC PARKING ACCESS.
   - ROADWAY B : AIRPORT ACCESS ROAD. THE ROADWAY RUNS PARALLEL TO STATE ROAD 95, EXTENDING FROM THE AIRPORT ENTRANCE ROAD TO THE NORTH END OF THE AIRPORT. IT PROVIDES ACCESS TO THE FBO AND GA FACILITIES.
   - ROADWAY C : GENERAL ROADWAY. THE ROADWAY PROVIDES ACCESS TO THE AREA EAST OF THE AIRPORT FROM STATE ROAD 95.
8. AIRCRAFT TIEDOWNS LOCATED WITHIN BRL DO NOT PENETRATE THE 7:1 TRANSITIONAL SURFACE AND WILL MEET FAA AIRPORT DESIGN STANDARDS.
9. EXISTING WATER STORAGE TANK NO.6 WILL BE RELOCATED TO SITE NO.16.

TAXIWAY DATA TABLE

DATA ELEMENTS	T/W A EXISTING	T/W A FUTURE	T/W A1 EXISTING	T/W A1 FUTURE	T/W A2 EXISTING	T/W A2 FUTURE	T/W A3 EXISTING	T/W A3 FUTURE
TAXIWAY SURFACE TYPE	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME
TAXIWAY MARKING	CENTERLINE	SAME	CENTERLINE	SAME	CENTERLINE	SAME	CENTERLINE	SAME
TAXIWAY LIGHTING (REFLECTORS, MITL)	MITL	SAME	MITL	SAME	MITL	SAME	MITL	SAME
DATA ELEMENTS	T/W A4 EXISTING	T/W A4 FUTURE	T/W A5 EXISTING	T/W A5 FUTURE	T/W A6 EXISTING	T/W A6 FUTURE	T/W B EXISTING	T/W B FUTURE
TAXIWAY SURFACE TYPE	ASPHALT	SAME	------	ASPHALT	------	ASPHALT	ASPHALT	SAME
TAXIWAY MARKING	CENTERLINE	SAME	------	CENTERLINE	------	CENTERLINE	CENTERLINE	SAME
TAXIWAY LIGHTING (REFLECTORS, MITL)	MITL	SAME	------	MITL	------	MITL	NONE	SAME
DATA ELEMENTS	T/W B1 EXISTING	T/W B1 FUTURE	T/W B2 EXISTING	T/W B2 FUTURE	T/W B3 EXISTING	T/W B3 FUTURE	------ EXISTING	------ FUTURE
TAXIWAY SURFACE TYPE	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	------	------
TAXIWAY MARKING	CENTERLINE	SAME	CENTERLINE	SAME	CENTERLINE	SAME	------	------
TAXIWAY LIGHTING (REFLECTORS, MITL)	NONE	SAME	NONE	SAME	NONE	SAME	------	------

AIRPORT BUILDINGS/FACILITIES

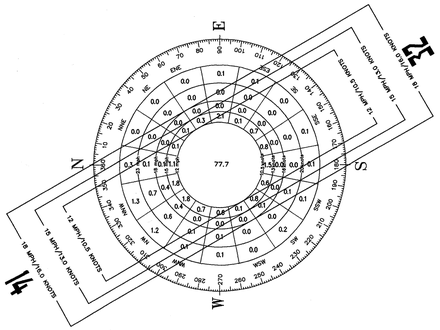
EXST BLDG NO.	FUTURE BLDG NO.	DESCRIPTION
01		HANGARS (CONVENTIONAL/T–HANGARS)
02		FIXED FUEL FACILITY
03		GENERAL AVIATION AUTO PARKING
04		SHADE HANGARS
05		FIXED BASE OPERATION HANGAR (TENANT)
06	16	WATER TANK
07	16	PUMP STATION
08		COMMERCIAL SERVICE TERMINAL BUILDING
09		COMMERCIAL TERMINAL AUTO PARKING
10		AIRPORT RESCUE & FIREFIGHTING (ARFF)
11		ELECTRICAL ENCLOSURE
12		SHADE HANGARS
13		AWOS III
	14	FUTURE TERMINAL BUILDING
	15	FUTURE SHADE HANGARS

MODIFICATION TO AIRPORT DESIGN

THERE ARE NO APPROVED EXISTING MODIFICATIONS TO AIRPORT DESIGN STANDARDS AT TIME OF AIRPORT LAYOUT PLAN UPDATE.

DEVIATIONS TO STANDARDS

- RUNWAY–TAXIWAY SEPARATION
CURRENTLY, THE SEPARATION BETWEEN RUNWAY 14–32 AND TAXIWAY A DOES NOT MEET FAA STANDARDS FOR CATEGORY C–III AIRPORT REFERENCE CODE. THE FAA STANDARDS CALL FOR A 400–FOOT SEPARATION; HOWEVER, THE EXISTING SEPARATION IS ACTUALLY 340 FEET BETWEEN RUNWAY CENTERLINE AND TAXIWAY CENTERLINE. RECOMMENDED AIRPORT SPONSOR SUBMIT A REQUEST FOR A MODIFICATION TO AIRPORT DESIGN STANDARDS AS PER FAA ORDER 5300.IE.



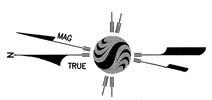
SOURCE: McCULLOCH INDUSTRIES AIRPORT RECORDS LAKE HAVASU CITY, ARIZONA

DATA STATION: LAKE HAVASU CITY AIRPORT LAKE HAVASU CITY, ARIZONA

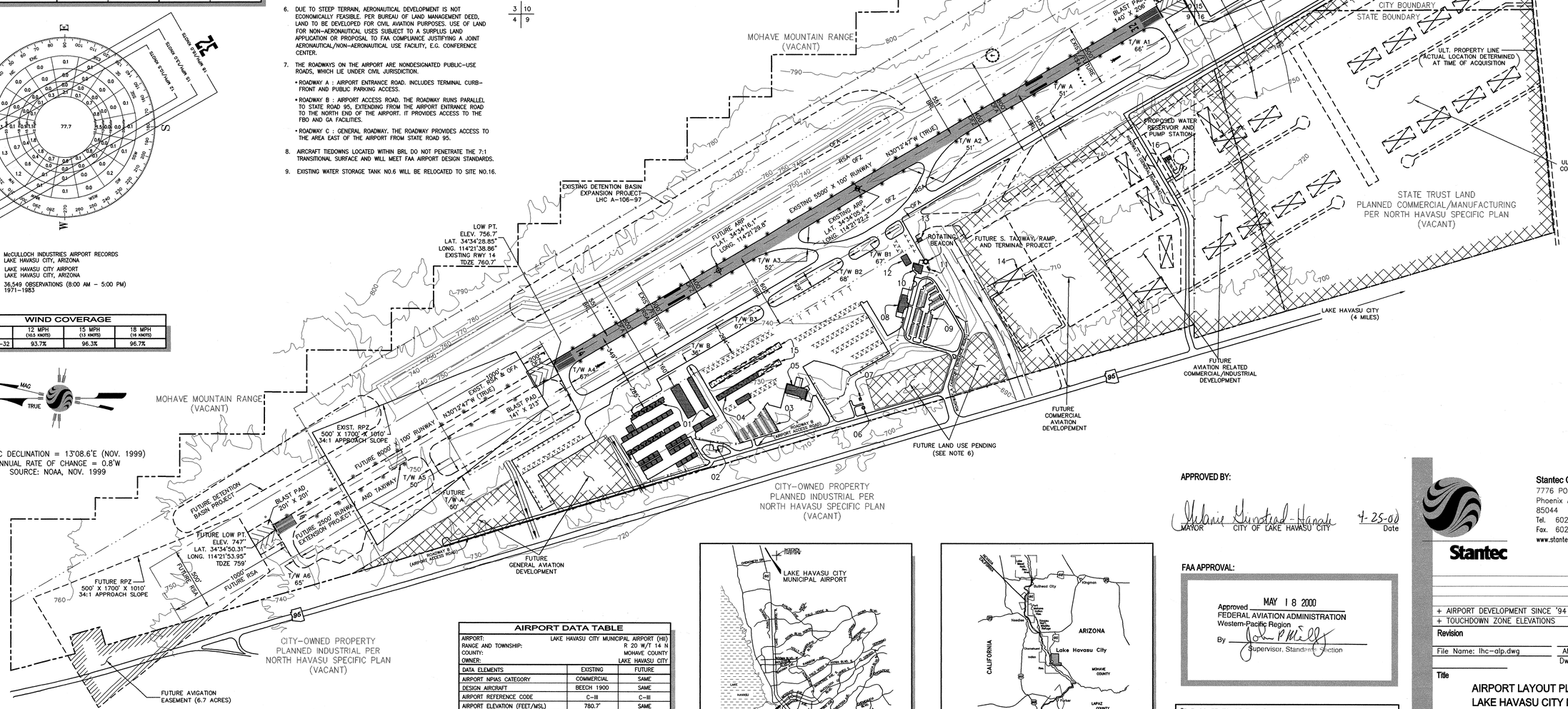
OBSERVATIONS: 36,549 OBSERVATIONS (8:00 AM – 5:00 PM) 1971–1983

WIND COVERAGE

		12 MPH (10.5 KNOTS)	15 MPH (13 KNOTS)	18 MPH (16 KNOTS)
RUNWAY				
RUNWAY	14–32	93.7%	96.3%	96.7%



MAGNETIC DECLINATION = 13°08.6'E (NOV. 1999)
ANNUAL RATE OF CHANGE = 0.8'W
SOURCE: NOAA, NOV. 1999

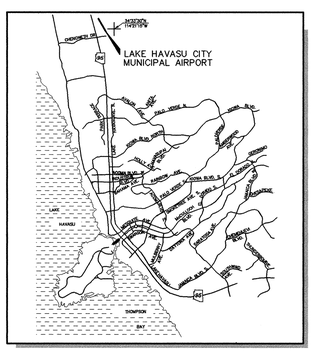


RUNWAY END COORDINATES

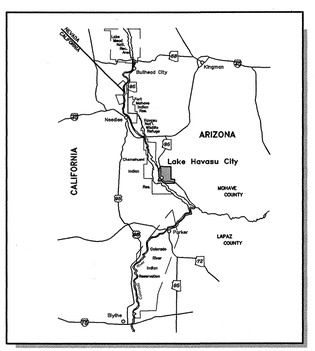
RUNWAYS		EXISTING	FUTURE
RUNWAY 14	LAT.	34°34'28.85"	34°34'50.31"
	LONG.	114°21'38.86"	114°21'53.95"
RUNWAY 32	LAT.	34°33'41.91"	SAME
	LONG.	114°21'05.63"	SAME

AIRPORT DATA TABLE

AIRPORT:		LAKE HAVASU CITY MUNICIPAL AIRPORT (HII)	
RANGE AND TOWNSHIP:		R 20 W/T 14 N	
COUNTY:		MOHAVE COUNTY	
OWNER:		LAKE HAVASU CITY	
DATA ELEMENTS		EXISTING	FUTURE
AIRPORT NPIAS CATEGORY		COMMERCIAL	SAME
DESIGN AIRCRAFT		BEECH 1900	SAME
AIRPORT REFERENCE CODE		C–III	C–III
AIRPORT ELEVATION (FEET/MSL)		780.7'	SAME
MEAN MAXIMUM TEMPERATURE (FAHRENHEIT/HOTTEST MONTH)		108° F JULY	SAME
AIRPORT REFERENCE POINT (ARP)	LAT.	34°34'05.4"N	34°34'16.1"N
	LONG.	114°21'22.2"W	114°21'29.8"W
AIRPORT & TERMINAL NAVAIDS (ON– AND OFF–AIRPORT)		BEACON	SAME
INSTRUMENT APPROACH TYPES (GPS, VOR, ILS, ETC.)		VOR/DME, GPS–A	SAME



VICINITY MAP



AIRPORT LOCATION MAP

APPROVED BY:

Melanie Kirkstead-Hanak 4-25-00
MAYOR CITY OF LAKE HAVASU CITY Date

FAA APPROVAL:

Approved MAY 18 2000
FEDERAL AVIATION ADMINISTRATION
Western-Pacific Region
By John P Kelly
Supervisor, Standards Section

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Revision	By	Appd.	Date
+ AIRPORT DEVELOPMENT SINCE '94 MP	AM	AM	00.04.19
+ TOUCHDOWN ZONE ELEVATIONS	WEH	STG	96.03.26

File Name: lhc–alp.dwg	Dwn.	Dsgn.	Dsgn.	Date
	AM	AM		00.04.19

Title

AIRPORT LAYOUT PLAN
LAKE HAVASU CITY MUNICIPAL AIRPORT
LAKE HAVASU CITY, ARIZONA

Project No. 28378010

Scale 1:400 (0 400' 600' 800')

Drawing No. P1

Sheet 1 of 1

Revision 3