BUILDING / FACILITIES

EXISTING	ULTIMATE	DESCRIPTION
1		DIRT ACCESS ROAD
	2	PAVED ACCESS ROAD
3		TRAILER
4		DIRT AUTOMOBILE PARKING LOT (65'x60' EAST SIDE)
	5	PAVED AUTOMOBILE PARKING LOT (65'x60' EAST SIDE)
6		DIRT AIRPLANE TIE DOWN AREA (121'x374' EAST END)
	7	PAVED AIRPLANE TIE DOWN AREA (121'x374' EAST END)
8		AIRPLANE TIE DOWNS (TOTAL 4)
	9	AIRPLANE TIE DOWNS (TOTAL 6)
10		HANGERS (TOTAL 4)
11		CONCRETE RUNWAY
	12	CONCRETE TAXIWAY
13		CONCRETE TURNOUT
14		DIKE
15		EFFLUENT PONDS
	16	EFFLUENT PONDS TO BE REMOVED
17		FENCE
	18	FENCE
19		SEWER LINE AND PUMP STATION
	20	ABANDONED SEWER LINE AND PUMP STATION
21		WIND SOCK
	22	LIGHTED WIND CONE
23		RUNWAY MARKINGS

RUNWAY DATA	RUNWAY (8-26)		
	EXISTING	FUTURE	ULTIMATE
RUNWAY CATEGORY/ AIRCRAFT DESIGN GROUP	A-I	A-I	A-I
RUNWAY DIMENSIONS	3400'X60'	3400'X60'	3400'X60'
RUNWAY SAFETY AREA	3400'X120'	3400'X120'	3400'X120'
RUNWAY APPROACH SURFACES	20:1	20:1	20:1
EFFECTIVE RUNWAY GRADIENT (%)	0.269%	0.269%	0.269%
RUNWAY LIGHTING	NONE	M.I.R.L.	M.I.R.L.
RUNWAY MARKING	BASIC	BASIC	BASIC
PAVEMENT MATERIAL	CONCRETE	CONCRETE	CONCRETE
PAVEMENT STRENGTH (in lbs.)	12,500 SWL	12,500 SWL	12,500 SWL
NAVIGATIONAL AIDS	NONE	NONE	NONE
APPROACH CATEGORY	VISUAL	VISUAL	VISUAL
VISUAL AIDS	WIND SOCK	WIND CONE	ROTATING BEACON LIGHTED WIND CONE
TAXIWAY	NONE	3400' x 25' CONCRETE	3400' x 25' CONCRETE

AIRPORT DATA	EXISTING	FUTURE/ ULTIMATE
AIRPORT CATEGORY	A	A
AIRCRAFT DESIGN GROUP	GROUP 1	GROUP 1
AIRPORT ELEVATION (M.S.L.)	1,833	1,833
MEAN MAX. TEMPERATURE	103.1° F	103.1°F
AIRPORT AND TERMINAL NAVIGATION AIDS	WIND SOCK	ROTATING BEACON LIGHTED WIND CONE
AIRPORT REFERENCE (NAD 83) LATITUDE POINT (ARP) COORDINATES LONGITUDE	33° 02' 51.2322" N 110° 54' 32.7450" W	33° 02' 51.2322" N 110° 54' 32.7450" W
% WIND COVERAGE (12 MPH)	NO DATA	NO DATA

NOTE: DUE TO LIMITED LAND AVAILABILITY, THERE IS ONLY ONE ALIGNMENT (5 ± DEGREES) POSSIBLE. LOCAL PILOTS INDICATE THAT CURRENT ALIGNMENT PROVIDES EXCELLENT WIND COVERAGE. SINCE WINDROSE DATA IS NOT AVAILABLE, IT IS RECOMMENDED THAT THE TOWN OF KEARNY SECURE SAME AS SOON AS PRACTICAL.

MAGNETIC DECLINATION=12°00' E
ANNUAL RATE OR CHANGE=00°00'24" W/YR (DEC.1998)

THE TOWN OF KEARNY CAN SECURE WIND DATA BY REQUESTING ADOT AERONAUTICS DIVISION TO CONDUCT WIND ANALYSIS.

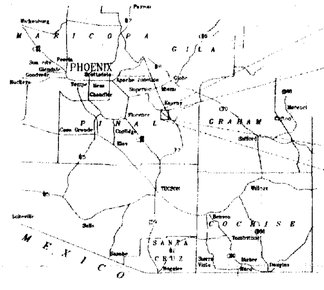
THERE ARE NO DEVIATIONS FROM FAA AIRPORT DESIGN STANDARDS

LEGEND

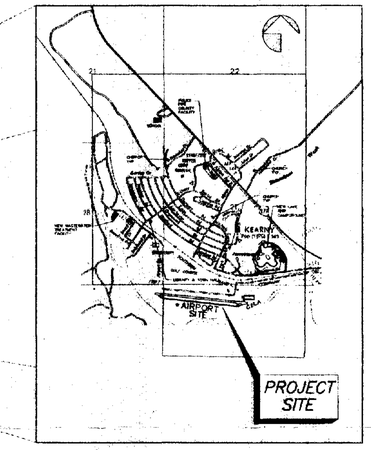
EXISTING	ULTIMATE	DESCRIPTION
		PROPERTY LINE
		FENCING
	BRL	BUILDING RESTRICTION LINE
		FACILITY DEVELOPMENT
		CLEAR ZONE
5240		TOPOGRAPHIC CONTOUR
		GRAVEL ROAD
		RUNWAY/TAXIWAY (PAVED)
28 27 / 33 34		SECTION CORNER
		AIRPORT REFERENCE POINT (ARP)
		SEWER MAN HOLE

NOTE: TOPOGRAPHIC CONTOURS OBTAINED BY RECENT PHOTOGRAMETRY

RUNWAY END COORDINATES NAD 83		EXISTING	ULTIMATE
RUNWAY 8	Latitude		33°-02'-52.4712" N
	Longitude		110°-54'-51.5933" W
RUNWAY 26	Latitude		33°-02'-49.9929" N
	Longitude		110°-54'-13.8967" W



LOCATION MAP



VICINITY MAP

SUBMITTED BY:
WILLDAN ASSOCIATES DATE

FOR APPROVAL BY
Gary Adams
Gary Adams, ADOT Aeronautics Division Director 9/15/03
Gary Eide, Town Manager
APPROVED BY:
Gary Eide, Town Manager 11/5/03
OFFICIALS NAME & TITLE DATE

Registered Professional Engineer (Civil) CERTIFICATE NO. 6387 JOSEPH HOLGATE Date Signed ARIZONA U.S.A.

Registered Professional Engineer (Civil) CERTIFICATE NO. 21919 SUSANNA R. STRUBLE Date Signed ARIZONA U.S.A.

REVISIONS

DESCRIPTION	DATE	BY

HOLGATE CONSULTING ENGINEERS
355 FOOTHILL DRIVE, SEDONA, ARIZONA 86336-5027
(520) 282-4664

WILLDAN ASSOCIATES ENGINEERS • PLANNERS
1717 W. NORTHERN AVE. SUITE 112, PHOENIX, ARIZONA 85021
(602) 870-7800

TOWN OF KEARNY KEARNY, ARIZONA FLOOD RECONSTRUCTION PROJECT AIRPORT LAYOUT PLAN

SCALE:	1"=200'
DATE:	9/11/98
DESIGNED BY:	J.B.M.
DRAWN BY:	WILLDAN
CHECKED BY:	R.C.E.
JOB NO.	08969
FILE NAME:	6000H01rev1
DRAWING	H-1
SHEET	1 OF 1