AIRPORT DATA

GLENDALE MUNICIPAL AIRPORT (GEU)

CITY: GLENDALE — COUNTY: MARICOPA, ARIZONA

RANGE: R. 1 E. TOWNSHIP: T. 2 N. — CIVIL TOWNSHIP: --

		EXISTING	ULTIMATE
AIRPORT CATEGORY		GENERAL AVIATION	SAME
DESIGN AIRCRAFT		BEECH KING AIR	CANADAIR CL-600
AIRPORT REFERENCE CODE (ARC): RUNWAY CATEGORY/DESIGN GROUP		B-II	C-II
AIRPORT ELEVATION (ABOVE MEAN SEA LEVEL)		1066'	1069'
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		104.5°F (July)	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	Latitude	33°31'38.146"N	33°31'37.255"N
	Longitude	112°17'42.563"W	112°17'43.087"W
AIRPORT and TERMINAL NAVIGATIONAL AIDS		ROTATING BEACON ATCT NDB VORTAC --	SAME SAME SAME SAME GPS
GPS APPROACH		NO	YES
RUNWAY END COORDINATES (NAD 83)		EXISTING	ULTIMATE
RUNWAY 1	Latitude	33°31'14.400"N	33°31'05.526N
	Longitude	112°17'56.533"W	112°18'01.753'W
RUNWAY 1 (DISPLACED THRESHOLD)	Latitude	--	33°31'11.679"N
	Longitude	--	112°17'58.133"W
RUNWAY 19	Latitude	33°32'01.884"N	33°32'08.983"N
	Longitude	112°17'28.595"W	112°17'24.418"W
RUNWAY 19 (DISPLACED THRESHOLD)	Latitude	--	33°32'00.109"N
	Longitude	--	112°17'29.640"W

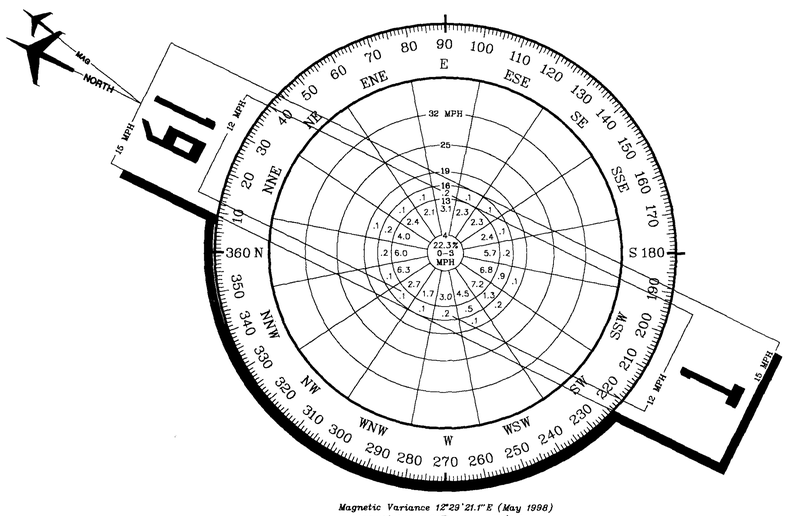
RUNWAY DATA — RUNWAY 1-19

	EXISTING	ULTIMATE
RUNWAY CATEGORY	GENERAL AVIATION	SAME
AIRCRAFT DESIGN GROUP/APPROACH SPEED CATEGORY	B-II	C-II
RUNWAY AZIMUTH	26.23222	SAME
RUNWAY BEARING	N26°13'56"E	SAME
RUNWAY DIMENSIONS	5350' X 75'	7150' X 100'
MAXIMUM RUNWAY ELEVATION (above MSL)	1065.5'	1074.6' (Interpolated)
WIND COVERAGE (in %)	12 MPH 99.2%/15 MPH 99.8%	SAME
APPROACH VISIBILITY MINIMUMS	+1 MILE/+1 MILE	+1 MILE/+1 MILE
FAR PART 77 CATEGORY	VISUAL/VISUAL	NONPREC./NONPREC.
RUNWAY INSTRUMENTATION	VISUAL/VISUAL	NONPREC./NONPREC.
RUNWAY APPROACH SURFACES	20:1/20:1	34:1/34:1
RUNWAY THRESHOLD DISPLACEMENT	NONE	700'/1000'
RUNWAY STOPWAY	NONE	SAME
RUNWAY SAFETY AREA (RSA)	5950' X 150'	7450' X 500'
RSA DISTANCE BEYOND RUNWAY END	300'/300'	0'/300'
RUNWAY OBJECT FREE AREA (OFA)	6550' X 800'	7450' X 800'
RUNWAY OBSTACLE FREE ZONE (OFZ)	5750' X 250'	7470' X 400'
TAKEOFF RUN AVAILABLE (TORA)	5350'/5350'	7150'/7150'
TAKEOFF DISTANCE AVAILABLE (TODA)	5350'/5350'	7150'/7150'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	5350'/5350'	6150'/6450'
LANDING DISTANCE AVAILABLE (LDA)	5350'/5350'	5450'/5450'
RUNWAY PAVEMENT MATERIAL	ASPHALT	SAME
PAVEMENT SURFACE TREATMENT	NONE	SAME
PAVEMENT STRENGTH (in thousand lbs.)[1]	30(S), 37.5 (D)	75 (D)
RUNWAY EFFECTIVE GRADIENT (in %)	0.439	0.439
RUNWAY LIGHTING	MIRL	SAME
RUNWAY MARKING	VISUAL/VISUAL	NONPREC./NONPREC.
RUNWAY APPROACH LIGHTING	NONE	SAME
TAXIWAY PAVEMENT MATERIAL	ASPHALT	SAME
TAXIWAY LIGHTING	MITL	MITL
TAXIWAY MARKING	CENTERLINE, EDGE	SAME
NAVIGATIONAL AIDS	NDB VORTAC --	SAME SAME GPS
VISUAL AIDS	PAPI-2 (Both) REIL (Both)	PAPI-4 (Both) SAME

[1] Pavement strengths are expressed in Single(S) and Dual(D) wheel loading capacities.

DEVIATIONS FROM FAA AIRPORT DESIGN STANDARDS

DEVIATION DESCRIPTION	EFFECTED DESIGN STANDARD	STANDARD	EXISTING	PROPOSED DISPOSITION
Ult. Runway 19 - Runway Safety Area	AC - 150/5300-13	1000' Beyond Runway End	300'	Displace Threshold
Ult. Runway 19 - Object Free Area	AC - 150/5300-13	1000' Beyond Runway End	300'	Displace Threshold
Ult. Runway 19 - Obstacle Free Zone	AC - 150/5300-13	200' Beyond Runway End	120'	Displace Threshold
Ult. Runway 1 - Runway Safety Area	AC - 150/5300-13	1000' Beyond Runway End	0'	Displace Threshold
Ult. Runway 1 - Object Free Area	AC - 150/5300-13	1000' Beyond Runway End	0'	Displace Threshold
Ult. Runway 1-19 To Parallel Taxiway A Separation	AC - 150/5300-13	300'	240'	Request Modification to Design Standard



Magnetic Variance 12°29'21.1"E (May 1998)
Annual Rate of Change = 0.2' West

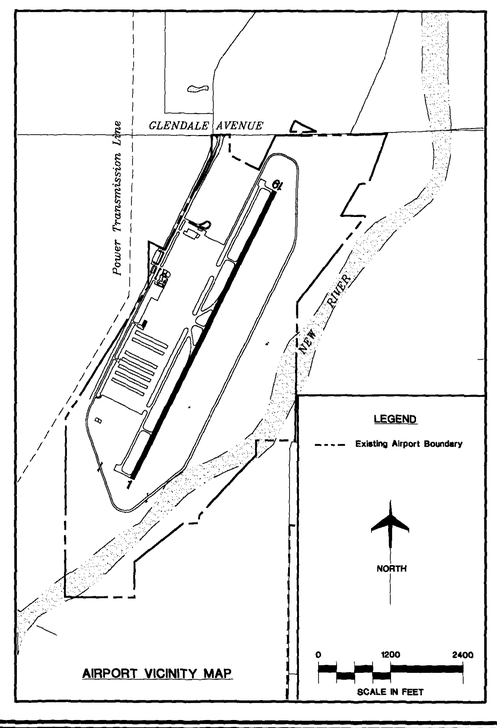
WIND DATA

	12 MPH (10.5 Knots)	15 MPH (13 Knots)
Runway 1-19	99.2%	99.8%

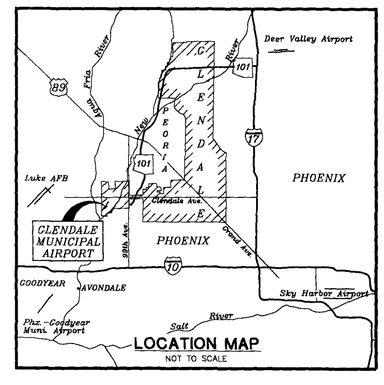
SOURCE:
United States Air Force
Global Technology Branch
USAFETAC
Air Weather Service/MAC
Luke AFB
Maricopa County, Arizona
87,641 Observations
1976-1986

WINDROSE

NOTE: Wind data observations were recorded at Luke AFB (5 miles west) and were adapted to Glendale Municipal Airport's Runway 1-19 orientation.



AIRPORT VICINITY MAP



LOCATION MAP
NOT TO SCALE

RECEIVED
JUN 04 1998
AERONAUTICS DIVISION

No.	REVISIONS	DATE	BY	APP'D.
2	ALP REVALIDATED BY THE FAA	5/28/96	-	-
1	PREVIOUS ALP APPROVED AND SIGNED BY THE FAA	2/3/95	-	-

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GLENDALE MUNICIPAL AIRPORT

AIRPORT DATA SHEET

GLENDALE, ARIZONA

PLANNED BY: Chris Hugunin
DETAILED BY: W.S. Holland
APPROVED BY: James M. Hawks, P.E.

May 4, 1998 — SHEET 1 OF 9

Coffman Associates
Airport Consultants