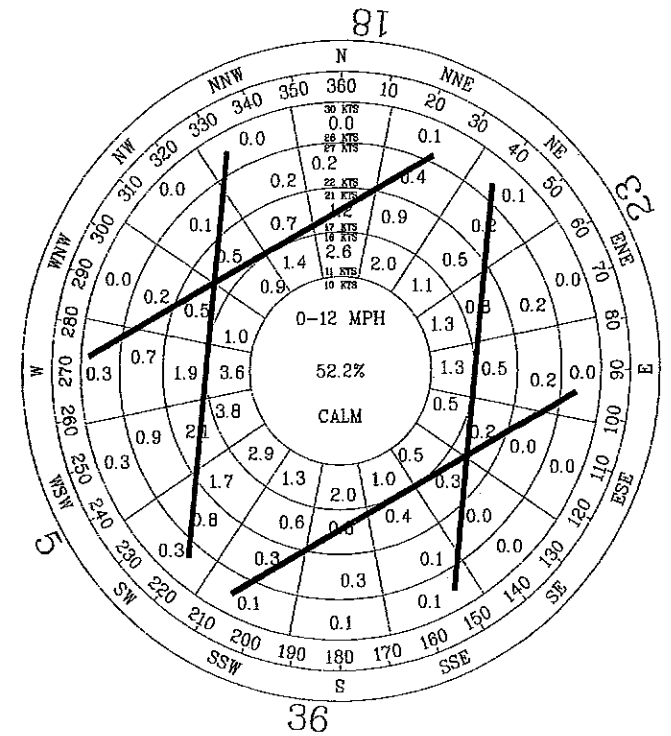




RUNWAY DATA			
		RUNWAY 5-23	RUNWAY 18-36
		EXISTING	EXISTING
EFFECTIVE GRADIENT (%)		0.03%	0.03%
10.5 KNOT WIND COVERAGE		82.3%	77.6%
13.0 KNOT WIND COVERAGE		91.2%	86.2%
16.5 KNOT WIND COVERAGE		95.2%	91.5%
20.0 KNOT WIND COVERAGE		98.2%	95.6%
RUNWAY SURFACE		ASPHALT	ASPHALT
PAVEMENT STRENGTH		S80,T145,TT325,TD770	S80,T145,TT325,TD770
APPROACH SURFACES		5/20:1, 23/50:1	20:1
VISIBILITY MINIMUM		5>1 MILE, 23>3/4 MILE	18/38>1 MILE
RUNWAY LIGHTING		HIRL	HIRL
RUNWAY MARKING		PRECISION	NON PRECISION
RUNWAY VISUAL AND INSTRUMENT NAVIGATION AIDS		R/W 23 PAPI R/W 23 ILS,SALSF,NDB,TACAN	NONE NONE
RUNWAY SAFETY AREA		7790 X 400	7605 X 300
RUNWAY DIMENSIONS		7790 X 200	7605 X 200
TAXIWAY SURFACE		ASPHALT	ASPHALT
TAXIWAY LIGHTING		MITL	MITL
RUNWAY END COORDINATES NAD 83	5	LATITUDE	51°52'42.02"N
		LONGITUDE	176°39'26.98"W
	23	LATITUDE	51°53'19.77"N
		LONGITUDE	176°37'38.86"W
RUNWAY END COORDINATES NAD 83	18	LATITUDE	51°52'57.73"N
		LONGITUDE	176°38'52.30"W
	36	LATITUDE	51°51'43.06"N
		LONGITUDE	176°39'03.73"W
RUNWAY PROTECTION ZONE DIMENSIONS		LENGTH	5/1700', 23/2500'
		INNER WIDTH	5/500', 23/1000'
		OUTER WIDTH	5/1010', 23/1750'
		AREA	5/29,465 AC., 23/78,914 AC.
OBJECT FREE AREA		7790 X 650	7605 X 875
OBSTACLE FREE ZONE		9,590 X 400	8005 X 400
BUILDING RESTRICTION LINE		750'	500'
RUNWAY END ELEVATIONS		5/17.4, 23/15.2 (MSL)	18/6.4, 38/4.3 (MSL)
RUNWAY HIGH ELEVATION		17.8' (MSL)	9.0' (MSL)
RUNWAY LOW ELEVATION		9.0' (MSL)	2.3' (MSL)
RUNWAY INTERSECTION		9.0' (MSL)	9.0' (MSL)
TOUCH DOWN ZONES ELEVATION	5	13.8' (MSL)	
	23	13.0'(MSL)	
TOUCH DOWN ZONES ELEVATION	18		5.8'(MSL)
	36		2.9'(MSL)
RUNWAY END STATIONING	5	100+00	
	23	177+90	
RUNWAY END STATIONING	18		200+00
	36		276+05
BRL		750'/FAR PART 77 EL=53.5'	500'/FAR PART 77 EL. 53.5'
RUNWAY INTERSECTION		124+57	272+18

AIRPORT DATA			EXISTING
AIRPORT ELEVATION (MSL)			17.8'
AIRPORT REFERENCE POINT (A.R.P.)* NAD-83		LATITUDE	51°52'40.67"N
		LONGITUDE	176°38'45.71"W
MEAN TEMPERATURE HOTTEST MONTH			52°
AIRCRAFT DESIGN GROUP			
RUNWAY 5-23			III
RUNWAY 18-36			III
AIRCRAFT APPROACH CATEGORY			
RUNWAY 5-23			C
RUNWAY 18-36			B
AIR TRAFFIC CONTROL TOWER			NO
AIRPORT CATEGORY AND ROLE			COMMERCIAL SERVICE
AIRPORT SURVEY MONUMENTATION			PLAT ARD 96-30
AIRPORT ACREAGE			TO BE DETERMINED BY SURVEY
ICAO IDENTIFIER			PADK
NATIONAL IDENTIFIER			ADK

TAXIWAY DATA			A	B
TAXIWAY DESIGNATION				
TAXIWAY LENGTH			5600	495
TAXIWAY WIDTH			75	75
TAXIWAY SAFETY AREA WIDTH			171	171
TAXIWAY OBJECT FREE AREA WIDTH			259	259
TAXIWAY SURFACE			AC	AC
TAXIWAY LIGHTING			MITL	MITL
TAXIWAY RUNWAY STATIONS		RUNWAY 18/36 RUNWAY 5/23	136+80	238+4
ALL OTHER T/W'S MARKED CLOSED AND LIGHTS REMOVED				



**ALL-WEATHER WIND ROSE**  
WEATHER DATA FROM NAF ADAK WEATHER STATION.  
1972-1978

WIND COVERAGE:	DESIGN GROUP	10.5 KNOTS	13.0 KNOTS	16.0 KNOTS	20.0 KNOTS
RUNWAY 5-23:	C III	82.3%	91.2%	95.2%	98.2%
RUNWAY 18-36:	B III	77.6%	86.2%	91.5%	95.6%
BOTH RUNWAYS:		95.9%	98.0%	99.4%	99.6%
CALM = 7.1%					

EXISTING NON STANDARD CONDITIONS			
DESCRIPTION	STANDARD	ACTUAL	DISPOSITION ①
RUNWAY 5-23			
SAFETY AREA LENGTH	9790	7790	NONE
SAFETY AREA WIDTH	500	400	NONE
OBJECT FREE AREA LENGTH	9790	7790	NONE
OBJECT FREE AREA WIDTH	800	650	NONE
RUNWAY 18-36			
SAFETY AREA LENGTH	9605	7605	NONE
SAFETY AREA WIDTH	500	300	NONE
OBJECT FREE AREA LENGTH	9605	7605	NONE
OBJECT FREE AREA WIDTH	800	675	NONE
			① FAA FUNDING NOT APPLIED FOR

1. NO OFZ OBJECT PENETRATIONS FOR EITHER RUNWAY.
2. NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS FOR RUNWAYS 23, & 36. THE THRESHOLD SITING SURFACE OBJECT PENETRATIONS CRITERIA CANNOT BE MET FOR RUNWAYS 5 AND 18.
3. SURVEY SOURCE  
  
HORIZONTAL:  
MAPPING IS BASED ON LOCAL NAVY ADAK GRID SYSTEM 1944 DATUM, ALASKA STATE GRID SYSTEM ZONE 10, NOAA 1972. ALL GEODETIC COORDINATES AND BEARINGS ARE BASED ON NAD 83 AS FOUND ON LCMF'S 1996 RECORD SURVEY OF THE ADAK AIRPORT (ARD 96-30).  
  
VERTICAL:  
MAPPING IS BASED ON U.S.E.D. 1944, MLLW=0.00. ELEVATIONS CONTAINED HEREIN ARE ADJUSTED TO NGVD 29, MSL=0.00. BY SUBTRACTING 2.29 FEET FROM MAPPING ELEVATIONS OR WERE TAKEN DIRECTLY FROM LCMF'S RECORD SURVEY OF THE ADAK AIRPORT (ARD 96-30) WHICH IS BASED ON NGVD 29, MSL=0.00.
4. CONTROL TOWER AND BALLOON LAUNCH BUILDING ARE WITHIN RUNWAY VISIBILITY ZONE.