

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33						Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES											MISSED APPROACH				
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW21 CLIMB TO 4300 DIRECT RAVOY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4300. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 026.56 INBOUND. CHART FAS OBST: 200 SHIP 660657N/1624038W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.36 NM TO RW21* *LNAV ONLY. WAAS CHANNEL # 56241 REFERENCE PATH ID: W21A CHART CIRCLING ICON. LTP HAE: 9.9 M					
NANRE (IAF)		FEGEK (NOPT) (FB)		297.48 / 8.00				3700							
PORIC (IAF)		FEGEK (NOPT) (FB)		117.12 / 8.00				3700							
FEGEK (IF/IAF)		HOREL (FB)		207.25 / 9.40				1500							
HOREL (FAF)		RW21 (MAP) (FO)		207.03 / 4.51											
RW21 (MAP)		275 MSL		207.03				4300							
275 MSL		RAVOY (FO)													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE FEGEK, RT, 207.25 INBOUND, 3700 FT. IN LIEU OF PT (IAF) 3. FAC: 207.03 FAF: HOREL DIST FAF TO MAP: 4.51 THLD: 4.51 4. MIN. ALT: FEGEK 3700, HOREL 1500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1500 GS ALT AT: HOREL 1500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR 8. MSA FROM: _____											MAG VAR: 11E EPOCH YEAR: 2020				
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	275	1	250	275	1	250	275	1	250		NA				
LNAV/VNAV DA	332	1	307	332	1	307	332	1	307		NA				
LNAV MDA	500	1	475	500	1	475	500	1 3/8	475		NA				
CIRCLING	680	1	650	840	1	810	840	2 1/4	810		NA				
NOTES: CHART NOTE: CIRCLING TO RWY 12, 30 NA AT NIGHT. @ CAT B 900-2, CAT C 900-2 1/4 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA.															
CITY AND STATE		ELEVATION: 30 TDZE: 25		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 21					
DEERING, AK		AIRPORT NAME: DEERING				RNAV (GPS) RWY 21, AMDT 1 5 JANUARY 2017				AMDT: 06-16-A					
										DATED 06/05/2008					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	117/30 CW 252/30 (NOPT)	FEGEK (IF/IAF) (FB)	3700
	252/30 CW 297/30	252/25 CW 297/25	3900
	252/25 CW 297/25 (NOPT)	FEGEK (IF/IAF) (FB)	3700
2.	297/30 CW 027/30	297/19 CW 027/19	4400
	297/19 CW 027/19	NANRE (IAF) (FB)	3700
3.	027/30 CW 117/30	PORIC (IAF) (FB)	3700

CITY AND STATE

DEERING, AK

ELEVATION: 30

TDZE: 25

AIRPORT NAME:

DEERING

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 1

5 JANUARY 2017

SUP: RNAV (GPS) RWY 20

AMDT: ORIG-A

DATED: 06/05/2008

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PADE
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	660420.5160N
LTP/FTP LONGITUDE	1624537.1990W
LTP/FTP ELLIPSOIDAL HEIGHT	+00099
FPAP LATITUDE	660310.4660N
FPAP LONGITUDE	1624751.5155W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1736
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 4D03C430

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00060
FPAP ORTHOMETRIC HEIGHT	+00060

CITY AND STATE
DEERING, AK

ELEVATION: 30 TDZE: 25
AIRPORT NAME:
DEERING

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, AMDT 1
5 JANUARY 2017

SUP: RNAV (GPS) RWY 20
AMDT: ORIG-A
DATED: 06/05/2008

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - PADE

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
FEGEK	010	FEGEK	HF	FO		207.3			R			AA 03700		EE A
NANRE	010	NANRE	IF	FB										E A
NANRE	020	FEGEK	TF	FB	1.0	297.5						AA 03700		EE B
PORIC	010	PORIC	IF	FB										E A
PORIC	020	FEGEK	TF	FB	1.0	117.1						AA 03700		EE B
	010	FEGEK	IF	FB								AA 03700		E I
	020	HOREL	TF	FB	1.0	207.3						AA 01500		E F
	030	RW21	TF	FO	0.3	207.0		3.00				AT 00065		GY M
	040		CA	FB		207.0						AA 00275		M
	050	RAVOY	DF	FO								AA 04300		EY
	060	RAVOY	HM	FO		026.6			R			AA 04300		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
FEGEK	N661514.77	W1622429.59
HOREL	N660752.91	W1623848.30
NANRE	N661017.88	W1620900.78
PORIC	N662010.67	W1624002.75
RAVOY	N655129.04	W1631001.92

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW21	N660420.52	W1624537.20	00020	45

QUALITY
10
CHECKED

CITY AND STATE DEERING, AK	ELEVATION: 30	TDZE: 25	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 1 5 JANUARY 2017	SUP: RNAV (GPS) RWY 20
	AIRPORT NAME: DEERING				AMDT: ORIG-A
					DATED: 06/05/2008