

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: RW17 CLIMB TO 5000 DIRECT SHEND AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 353.73 INBOUND. CHART FAS OBST: 2199 TREE 400824N/0992010W 2439 AAO 401246N/0992116W DISTANCE TO THLD FROM 331 HAT: 0.91 NM. WAAS CHANNEL # 58237 REFERENCE PATH ID: W17A CHART CIRCLING ICON CHART BREWSTER FIELD AWOS-3 LTP HAE: 606.6 M							
PERDY (IF/IAF)		APUNE (FB)		173.73 / 6.20				3900									
APUNE (FAF)		FOXEM/2.10 NM TO RW17 (FB)		173.73 / 3.51													
FOXEM/2.10 NM TO RW17		RW17 (MAP) (FO)		173.73 / 2.10													
RW17 (MAP)		2404 MSL		173.73													
2404 MSL		SHEND (FO)						5000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N PERDY, LT, 173.73 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: 173.73 FAF: APUNE DIST FAF TO MAP: 5.61 THLD: 5.61 4. MIN. ALT: PERDY 5000, APUNE 3900, FOXEM/2.10 NM TO RW17 2780* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3900 GS ALT AT: APUNE 3900 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.1 34:1 IS NOT CLEAR 8. MSA FROM: _____										MAG VAR: 5E		EPOCH YEAR: 2020					
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		☒					
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	2404	1 1/8	331	2404	1 1/8	331		NA			NA						
LNAV/VNAV DA	2407	1 1/8	334	2407	1 1/8	334		NA			NA						
LNAV MDA	2540	1	467	2540	1	467		NA			NA						
CIRCLING	2680	1	607	2680	1	607		NA			NA						
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: USE HOLDREGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE KEARNEY ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FEET, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 MILE. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)																	
CITY AND STATE				ELEVATION: 2073 TDZE: 2073				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
ALMA, NE				AIRPORT NAME:								RNAV (GPS) RWY 17, ORIG				AMDT: NONE	
				ALMA MUNI								20 AUGUST 2015				DATED	



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

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NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}).

TAA

	FROM	TO	ALT
1.	084/30 CW 264/30 (NOPT)	PERDY (IF/IAF) (FB)	5000
2.	264/30 CW 084/30	PERDY (IF/IAF) (FO)	5000

CITY AND STATE

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QUALITY
4
CHECKED

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	4D9
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	400700.6600N
LTP/FTP LONGITUDE	0992047.5300W
LTP/FTP ELLIPSOIDAL HEIGHT	+06066
FPAP LATITUDE	400531.5155N
FPAP LONGITUDE	0992044.9570W
THRESHOLD CROSSING HEIGHT (TCH)	00040.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1776
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

DAC29439

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+06318
FPAP ORTHOMETRIC HEIGHT	+06318

QUALITY
16
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CITY AND STATE

ALMA, NE

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 FACILITY
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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 4D9 K3FR17	APERDY	010PERDYK3EA0EE	AL	HF			17370050	+	05000	18000		A	JS
SUSAP 4D9 K3FR17	R	010PERDYK3EA0E	I	IF				+	05000	18000		A	JS
SUSAP 4D9 K3FR17	R	020APUNEK3EA1E	F	051TF			17370062	+	03900			A	JS
SUSAP 4D9 K3FR17	R	020APUNEK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP 4D9 K3FR17	R	021FOXEMK3EA0E	S	031TF			17370035	V	0278002782	-300		A	JS
SUSAP 4D9 K3FR17	R	030RW17 K3PG0GY	M	031TF			17370021		02113	-300		A	JS
SUSAP 4D9 K3FR17	R	040	O	M	CA		1737	+	02404			A	JS
SUSAP 4D9 K3FR17	R	050SHENDK3EA0EY		DF				+	05000			A	JS
SUSAP 4D9 K3FR17	R	060SHENDK3EA0EE	R	HM			35370050	+	05000			A	JS

[illegible]

QUALITY
16
CHECKED

CITY AND STATE ALMA, NE	ELEVATION: 2073 TDZE: 2073	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG	SUP:
	AIRPORT NAME: ALMA MUNI		20 AUGUST 2015	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - FAR 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.				
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	PERDY	PERDY	010	IAF	HF	L	FO		173.7 (178.7T)	005.0	AA 05000	
		PERDY	010	FACF	IF		FB				AA 05000	
		APUNE	020	FAF	TF		FB	0.5	173.7 (178.7T)	006.2	AA 03900	
		FOXEM	021	SDF	TF		FB	0.3	173.7 (178.7T)	003.5	AA 02780	GS 02782
		RW17	030	MAP	TF		FO	0.3	173.7 (178.7T)	002.1	AT 02113	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		173.7 (178.7T)		AA 02404	
		SHEND	050		DF		FO				AA 05000	
		SHEND	060		HM	R	FO		353.7 (358.7T)	005.0	AA 05000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		APUNE	N401237.51		W0992057.27		N4012.625		W09920.955			
		FOXEM	N400906.72		W0992051.17		N4009.112		W09920.853			
		PERDY	N401849.69		W0992108.05		N4018.828		W09921.134			
		SHEND	N395426.87		W0992025.81		N3954.448		W09920.430			
		RW17	N400700.66		W0992047.53		N4007.011		W09920.792			
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW17	02073		40							



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