

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		LP: VEPBU LNAV: VEPBU CLIMBING RIGHT TURN TO 12100 DIRECT FEMAD AND HOLD. ADDITIONAL FLIGHT DATA: FAS OBST: 7879 AAO 371228N/1070425W 8479 AAO 371128N/1070526W 8828 AAO 371102N/1070523W CHART VDP AT 1.25 MILES TO VEPBU WAAS CHANNEL # 58238 REFERENCE PATH ID: W01A DUGNE TO RW1: 3.00/40. FICTITIOUS THRESHOLD POINT (CFCFT) DO NOT CHART. FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 20.00 DEGREES. LTP HAE: 2307.8 M					
COKRI		FEMAD (FO)		100.51 / 21.74				12100							
BRAZO (IAF)		FEMAD (NOPT) (FB)		281.01 / 20.67				12100							
FEMAD (IF/IAF)		DUGNE (FB)		344.45 / 11.73				10300							
DUGNE (FAF)		IBURE/4.90 NM TO VEPBU (FB)		353.79 / 2.89											
IBURE/4.90 NM TO VEPBU		VEPBU (MAP) (FO)		353.79 / 4.90						MAG VAR: 10E EPOCH YEAR: 2010					
VEPBU (MAP)		8064 MSL		353.79											
8064 MSL		FEMAD (FO)						12100							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S FEMAD, RT, 344.45 INBOUND, 12100 FT. IN LIEU OF PT (IAF) 3. FAC: 353.79 FAF: DUGNE DIST FAF TO MAP: 7.79 THLD: 8.26 4. MIN. ALT: FEMAD 12100, DUGNE 10300, IBURE/4.90 NM TO VEPBU 9380 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: VEPBU 14700															
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
LP MDA	8240	1	603	8240	1	603	8240	1 3/4	603		NA				
LNAV MDA	8280	1	643	8280	1	643	8280	1 7/8	643		NA				
CIRCLING	8420	1	756	8480	1 1/4	816	8940	3	1276		NA				
NOTES: CHART NOTE: CIRCLING TO RWY 19 NA AT NIGHT. @ CAT B 900-2, CAT C 1300-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DURANGO ALTIMETER SETTING AND INCREASE (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 7664 TDZE: 7637		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, ORIG				SUP: 4 AMDT: NONE DATED:					
PAGOSA SPRINGS, CO		AIRPORT NAME: STEVENS FIELD													

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input checked="" type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div><input checked="" type="checkbox"/> ZDV, AMGR</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: STEPHEN PETERSON				FIFO AJV-5422	DATE: 12/04/2015
APPROVED BY					
NAME: LONNIE EVERHART MANAGER				FIFO AJV-5430	DATE:
CHANGES:					
REASONS:					



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

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NOTES, (CONT.):
ALL MDA 220 FEET AND LP AND LNAV VISIBILITY CAT B 1/4 MILE AND CAT C 3/4 MILE, AND CIRCLING CATS
A/B 1/4 MILE.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT FEMAD ON V211 NORTHWEST BOUND.

CITY AND STATE PAGOSA SPRINGS, CO	ELEVATION: 7664 AIRPORT NAME: STEVENS FIELD	TDZE: 7637	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, ORIG	SUP: <div>QUALITY 4</div>
					AMDT: <div>CHECKED NONE</div>
					DATED:

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

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	KPSO
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
FTP LATITUDE	371634.5390N
FTP LONGITUDE	1070354.4960W
LTP/FTP ELLIPSOIDAL HEIGHT	+23078
FPAP LATITUDE	371803.5525N
FPAP LONGITUDE	1070347.0945W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
<u>CRC REMAINDER</u>	0E5F2B25

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+23253
FPAP ORTHOMETRIC HEIGHT	+23253

CITY AND STATE

PAGOSA SPRINGS, CO

ELEVATION: 7664

TDZE: 7637

AIRPORT NAME:

STEVENS FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1, ORIG

SUP:

AMDT: NONE

DATED:

QUALITY
4
CHECKED

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES

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CITY AND STATE

ELEVATION:

TDZE:

FACILITY
IDENTIFIER:

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

SUP:

AMDT:

DATED:

QUALITY
4
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: ATA AAT ALPA APA AOPA NBAA OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.	
FEEDER		COKRI		FEMAD		1. AAO	370520.75N/1072722.00W	8751 (2A)	2000	AT1349	12100	
						2. TERRAIN	370520.75N/1072722.00W	8551 (8600)		AS1500	10100	
INITIAL		BRAZO		FEMAD		3. AAO	365113.90N/1064631.70W	9225 (2A)	1000	PR180 AT1695	12100	
						4. TERRAIN	365113.90N/1064631.70W	9025 (9000)		AS1500	10500	
INTERMEDIATE		FEMAD (IF/IAF)		DUGNE		5. AAO	365900.90N/1065814.00W	9194 (2A)	500	PR180 AT426	10300	
						6. TERRAIN	365933.00N/1065927.00W	8504 (8500)		AS1500	10000	
FINAL: LP		DUGNE		IBURE/4.90 NM TO VEPBU		7. AAO	371102.20N/1070522.80W	8828 (2C)	250	XL113 PR110 RA217 SA-149	9380	
FINAL: LP STEPDOWN		IBURE/4.90 NM TO VEPBU		VEPBU		8. AAO	371228.25N/1070425.10W	7879 (2C)	250	PR80 MA12	8240	
FINAL: LNAV		DUGNE		IBURE/4.90 NM TO VEPBU		7. AAO	371102.20N/1070522.80W	8828 (2C)	250	XL113 PR110 RA217 SA-326	9380	
FINAL: LNAV STEPDOWN		IBURE/4.90 NM TO VEPBU		VEPBU		8. AAO	371228.25N/1070425.10W	7879 (2C)	250	PR70 MA70	8280	
2. HOLD-IN-LIEU-OF-PT		FEMAD		P-11		9. AAO	370126.70N/1065750.75W	9439 (2C)	1000	AT1661	12100	
						10. TERRAIN	370126.70N/1065750.75W	9239 (9200)		AS1500	10700	
3. MISSED APPROACH	MAP:		VEPBU / VEPBU		FEMAD	11. AAO	371105.00N/1070526.45W	8828 (2C)	ASC		12100	
	ELEV:		8060/8110			9. AAO	370126.70N/1065750.75W	9439 (2C)	1000	PR380	10900	
						10. TERRAIN	370126.70N/1065750.75W	9239 (9200)		AS1500	10700	
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.								
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	756	12. TREE	371909.00N/1070333.00W	8114 (2C)	300	8420
CATEGORY B		1.5 NM			450		816	13. TREE	371950.80N/1070331.15W	8162 (2A)	300	8480
CATEGORY C		1.7 NM			450		1276	14. AAO	371946.30N/1070625.00W	8639 (2C)	300	8940
CATEGORY D		2.3 NM			550							
CATEGORY E		4.5 NM			550							
5. MINIMUM SAFE ALTITUDES						PRIMARY NAVAID: VEPBU						
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A			
360-360	AAO	305/28.8	13652 (2E)	14700								
CITY AND STATE		ELEVATION: 7664			FACILITY		PROCEDURE AND AMENDMENT NO:			REGION		
PAGOSA SPRINGS, CO		AIRPORT NAME: STEVENS FIELD			RNAV		RNAV (GPS) RWY 1, ORIG			4 CHECKED		

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. TERPS PARAGRAPH 289 APPLIED TO 8479 AAO 371128N/1070526W TERPS PARAGRAPH 289 APPLIED TO 8828 AAO 371102N/1070523W VGSI DATA: 3.00/40 KPSO ON SERVICE A KDRO ON SERVICE A USED 75FT VEGETATION HEIGHT PER IFP CHECKLIST. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.46NM CAT B: 2.11NM CAT C: 3.38NM SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KPSO 7664 FT, KDRO 6685 FT RA = 216.07 FT. LPV AND LNAV/VNAV NOT DEVELOPED DUE TO AMOUNT OF FINAL COURSE OFFSET AND LACK OF APPROPRIATE VG SURVEY. RWY 19 HAS NO SURVEY; UNABLE TO VERIFY VISUAL SURFACES ARE CLEAR. ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 RWY 1 7698 TREE (KPSOT021) 371621.42N/1070356.34W (27.29) 7682 TREE (KPSOT023) 371619.19N/1070342.55W (18.45) 7692 TREE (KPSOT024) 371614.45N/1070344.67W (13.51) 7687 TREE (KPSOT001) 371615.09N/1070346.96W (8.06) 7686 TREE (KPSOT004) 371616.71N/1070351.38W (7.23) 7678 TREE (KPSOT003) 371618.52N/1070350.54W (4.96) 7686 TREE (KPSOT007) 371613.76N/1070346.67W (3.72) 7682 TREE (KPSOT005) 371617.94N/1070354.43W (3.65) 7683 TREE (KPSOT002) 371614.44N/1070345.88W (3.32) 7684 TREE (KPSOT006) 371615.23N/1070350.01W (2.51)																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
ZDV ARTCC				N W S		OTHER: AWOS-3		SOURCE:KPSO / KDRO																					
								DISTANCE: 0 / 34.33																					
								HOURS REMOTE OPERATION:																					
SATISFACTORY ON:																													
X V H F		X U H F				H F		LOCATION: KPSO												ADJUSTMENT: 0 / 217									
4. MONITOR STATUS		PRIMARY NAVAID:																											
		MONITOR POINT:																											
		HRS OPTN:		CAT 1																									
				CAT 3																									
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(S) SALS																									
				MAL S																									
				HIRL																									
		X		MIRL 01 (PCL), 19 (PCL)																									
		X		REIL 01, 19 (PCL)																									
				TDZ																									
				C/LINE																									
		X		OTHER (SPECIFY) PAPI-4L 01 (PCL) PAPI-4R 19 (PCL)																									
6. RUNWAY MARKINGS		BASIC																											
		ALL WEATHER																											
		INSTRUMENT NPI-G 01, 19																											
7. RUNWAY VISUAL RANGE		APPROACH																											
		MIDFIELD																											
		ROLL OUT																											
8. GLIDE PATH		GP ANGLE:						ELEV RWY THRESHOLD:																					
		DISTANCE FROM RWY:						ELEV GP ANTENNA:																					
								THRESHOLD CROSSING HEIGHT:																					
9. FINAL APPROACH COURSE AIMING						RUNWAY THRESHOLD 3000				FT. FROM THRESHOLD																			
				X		ON CENTERLINE				FT. FROM CENTERLINE																			
10. WAIVERS: NONE																													
PART D - PREPARED BY: STEPHEN PETERSON								DATE: 12/04/2015																					
TITLE: AERONAUTICAL INFORMATION SPECIALIST								OFFICE: AJV-5422																					

QUALITY
4
CHECKED