

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> PASO ROBLES MUNI	<u>AIRPORT ID</u> KPRB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PASO ROBLES	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 839	<u>TDZE</u> 812	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1980

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PRB VORTAC		HOVLI		TF	FO	1.00	012.81	12.35	4400
CHVAL	IAF	ZUGPO	NOPT	TF	FB	1.00	277.74	6.03	5500
ZUGPO		HOVLI		TF	FB	1.00	238.14	5.56	4400
FIKDU	IAF	MEETL	NOPT	TF	FB	1.00	097.33	10.94	5700
MBARI	IAF	MEETL	NOPT	TF	FB	1.00	153.78	4.58	5700
MEETL		HOVLI		TF	FB	1.00	142.30	6.32	4400
HOVLI	IF/IAF	WUGOP		TF	FB	1.00	193.72	3.69	3400
WUGOP		JERBU		TF	FB	1.00	193.69	2.36	2700
JERBU	FAF	YIRUK/3.64 NM TO RW19		TF	FB	0.30	193.69	2.20	
YIRUK/3.64 NM TO RW19		RW19	MAP	TF	FO	0.30	193.69	3.64	
RW19	MAP	1300 MSL		CA			193.69		1300
1300 MSL		JEBNO		DF	FO	1.00			4500



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4500 DIRECT JEBNO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NW HOVLI, RT, 133.00 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 193.69	FAF: JERBU	DIST FAF TO MAP: 5.84	DIST FAF TO THLD: 5.84		
4. MIN ALT: HOVLI 4400, WUGOP 3400, JERBU 2700, YIRUK/3.64 NM TO RW19 2000*					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.69	GS ANT:
6. MIN GP INCPT: 2700	GP ALT AT FAF: JERBU 2700	OM:	MM:	IM:	
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 37.0		
8. MSA FROM: RW19 5600					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PRB VORTAC AIRWAY RADIALS 306 CW 077.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MBARI ON T259 NORTHWEST BOUND, AT FIKDU ON V248 NORTHWEST BOUND AND AT CHVAL ON T259 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD W, RT, 078.60 INBOUND.
FAS OBST: 1050 TREE 354221N/1203545W.
1820 AAO 354520N/1203233W, 1260 AAO 354430N/1203554W.
CHART R-2504.
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
CHART VDP AT 1.44 NM TO RW19*
*LNAV ONLY.
WAAS CHANNEL # 93843
REFERENCE PATH ID: W19A
LTP HAE: 210.7 M



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	1062	3/4	250	1062	3/4	250	1062	3/4	250	1062	3/4	250				
LNAV/VNAV DA	1109	7/8	297	1109	7/8	297	1109	7/8	297	1109	7/8	297				
LNAV MDA	1300	1	488	1300	1	488	1300	1 3/8	488	1300	1 3/8	488				
CIRCLING	1300	1	461	1380	1	541	1440	1 3/4	601	1700	2 3/4	861				

CHANGES - REASONS

1. LPV VISIBILITY DECREASED FROM 7/8 TO 3/4. - UPDATED VISIBILITY VALUES IAW 8260.3D, TABLE 3-3-1.
2. LNAV/VNAV DA/HAT DECREASED FROM 1190/378 TO 1109/297, VISIBILITY DECREASED FROM 1 3/8 TO 7/8. - NEW CONTROLLING OBSTACLE; UPDATED VISIBILITY VALUES IAW 8260.3D, TABLE 3-3-1.
3. CIRCLING CAT D MDA/HAA DECREASED FROM 1720/881 TO 1700/861, CAT D VISIBILITY DECREASED FROM 3 TO 2 3/4. - NEW CONTROLLING OBSTACLE.
4. TERMINAL ROUTES: PRB VORTAC TO HOVLI: FO UPDATED TO FB. - IAW 8260.19H 4-6-3 A(1).
5. TERMINAL ROUTES: REMOVED NEFDE (IAF) TO ZUGPO. ADDED CHVAL (IAF) TO ZUGPO. - PER FPT CHECKLIST.
6. TERMINAL ROUTES: ZUGPO TO HOVLI COURSE UPDATED FROM 238.15 TO 238.14. - VERIFIED WITH TARGETS BUILD
7. TERMINAL ROUTES: MBARI (IAF) TO MEETL ADDED; FIKDU TO MEETL ALTITUDE UPDATED FROM 4400 TO 5700. - PER FPT CHECKLIST; ALTITUDE INCREASED TO MATCH COMMON POINT MEETL.
8. TERMINAL ROUTES: JERBO TO YIRUK/3.10 NM TO RW19 UPDATED TO JERBO TO YIRUK/3.64 NM TO RW19; DISTANCE UPDATED FROM 2.74 TO 2.20. - STEPDOWN YIRUK MOVED DUE TO LNAV NEW CONTROLLING OBSTACLES.
9. TERMINAL ROUTES: YIRUK/3.10 NM TO RW19 TO MAP UPDATED TO YIRUK/3.64 NM TO RW19 TO MAP; DISTANCE UPDATED FROM 3.10 TO 3.64. - STEPDOWN YIRUK MOVED DUE TO LNAV NEW CONTROLLING OBSTACLES.
10. TERMINAL ROUTES: RW19 TO 1800 MSL UPDATED TO RW19 TO 1300 MSL; 1800 MSL TO NEFDE UPDATED TO 1300 MSL TO JEBNO. RNP 1.00 ADDED; ALTITUDE DECREASED FROM 6500 TO 4500. - PER FPT CHECKLIST.
11. MISSED APPROACH INSTRUCTIONS: "CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 6500 DIRECT NEFDE AND HOLD, CONTINUE TO CLIMB-IN HOLD TO 6500" UPDATED TO "CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4500 DIRECT JEBNO AND HOLD, CONTINUE TO CLIMB-IN HOLD TO 4500." - PER FPT CHECKLIST.
12. PROFILE LINE 5: ADDED DISTANCE TO THLD FROM 250 HAT: 0.69; AND "DISTANCE TO THLD FROM 250 HATH: 0.67 NM" REMOVED FROM ADDITIONAL FLIGHT DATA. - LPV DA/HAT UPDATED.
13. PROFILE LINE 7: 20:1 IS CLEAR. - NO 20:1 PENETRATIONS EXIST.
14. CHART NOTE: DME/DME RNP-0.3 NA REMOVED; PBN REQUIREMENTS NOTE: RNP APCH ADDED. - IAW 8260.58A TABLE 1-2-1.
15. UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 38C (100F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5C OR ABOVE 54C. - UPDATED WEATHER STUDY (2016-2019) USED FOR SLOPE CALCULATIONS AND TO DETERMINE UPPER/LOWER TEMPERATURE LIMITS FOR UNCOMPENSATED BARO-VNAV SYSTEMS; FAHRENHEIT REMOVED IAW 8260.19H.
16. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NEFDE ON V137 SOUTHEAST BOUND. - PER FPT CHECKLIST; POINT NEFDE NO LONGER USED.
17. REMOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. - ALTERNATE ALTIMETER AVAILABLE; MOVED TO 8260-9 FOR CONTINGENCY USE.
18. ADDITIONAL FLIGHT DATA: UPDATED CHART VDP FROM 1.44 NM TO RW19* TO 1.50 NM TO RW19*. - STEPDOWN YIRUK MOVED; VERIFIED WITH TARGETS BUILD.
19. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBSTACLE FROM 989 TREE TO 995 POLE. - NEW LNAV STEPDOWN CONTROLLING OBSTACLE.
20. ADDITIONAL FLIGHT DATA: REMOVED 1209 AAO AND 1819 AAO. ADDED 1820 AAO AND 1260 AAO. - NEW 7:1 OBSTACLES.
21. ADDITIONAL FLIGHT DATA: UPDATED MA HOLD FROM "HOLD NW, RT, 116.66 INBOUND" TO "HOLD W, RT, 078.60 INBOUND." - NEW MISSED APPROACH PER FPT CHECKLIST.
22. UPDATED: ALTERNATE: FROM "STANDARD - CAT D 900-3" TO "STANDARD - CAT D 900-2 3/4." ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE. - CIRCLING CAT D VISIBILITY DECREASED. ALTERNATE MINIMUMS PERMITTED, AIRPORT LINKED TO WMSCR.
23. FAS DATA: CRC REMAINDER UPDATED FROM 0431373E TO CC238DD0. - FPAP LAT/LONG UPDATED FROM 353931.8200N/1203825.5900W TO 353931.8205N/1203825.5895W.
24. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MBARI ON T259 NORTHWEST BOUND, AT FIKDU ON V248 NORTHWEST BOUND AND AT CHVAL ON T259 SOUTHWEST BOUND. - 8260.19H, 8-2-5E.
25. ADDED MAX 6000 TO PROFILE LINE 2. - 8260.19H, 8-6-7B2.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZOA, AMGR

FLIGHT CHECKED BY

THOMAS E MOLOKIE

Digitally signed by **OFFICE**
WARDELL HENNING FICO

DATE
7/7/2020

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

Digitally signed by Jul 08, 2020 **OFFICE**
WARDELL HENNING AJV-A432

DATE
02/27/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by
WARDELL HENNING
Jul 08, 2020

OFFICE
AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPRB
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	354050.1320N
LTP/FTP LONGITUDE	1203733.1655W
LTP/FTP ELLIPSOIDAL HEIGHT	+02107
FPAP LATITUDE	353931.8205N
FPAP LONGITUDE	1203825.5895W
THRESHOLD CROSSING HEIGHT (TCH)	00037.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CC238DD0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02449
FPAP ORTHOMETRIC HEIGHT	+02449

