

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: OQXIB LNAV: OQXIB					
ETHER (IAF)		IXIGE (TF) (FB) (RNP 1.00)		298.79 / 5.04				5100		CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 6700 DIRECT OLTW AND ON TRACK 326.69 TO FISCH AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6700.					
IXIGE (IF)		HOGAX (TF) (FB) (RNP 1.00)		244.50 / 6.12				4300							
HOGAX (FAF)		JOSOP/1.80 NM TO OQXIB (TF) (FB) (RNP 0.30)		222.87 / 3.22						ADDITIONAL FLIGHT DATA: HOLD SE, LT, 301.00 INBOUND. CHART FAS OBST: 2594 BUILDING 343831N/1180417W, 2524 TREE 343910N/1180121W. CHART 2670 TOWER 343955N/1180044W. WAAS CHANNEL # 45741 REFERENCE PATH ID: W22A CHART CIRCLING ICON. JOSOP TO RW22: 2.75/52. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES. LTP HAE: 727.9 M					
JOSOP/1.80 NM TO OQXIB		OQXIB (MAP) (TF) (FO) (RNP 0.30)		222.87 / 1.80											
OQXIB (MAP) (SEE FORM 8260-10)		3000 MSL (CA)		222.87				3000							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 12E EPOCH YEAR: 2020					
2. PROFILE STARTS AT ETHER															
3. FAC: 222.87 FAF: HOGAX DIST FAF TO MAP: 5.02 THLD: 6.02															
4. MIN. ALT: ETHER 6000, IXIGE 5100, HOGAX 4300, JOSOP/1.80 NM TO OQXIB 3360															
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 CLEAR															
8. MSA FROM: OQXIB 10900															
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	2780	1 1/4	282	2780	1 1/4	282	2780	1 1/4	282	2780	1 1/4	282			
LNAV MDA	2860	1 1/4	362	2860	1 1/4	362	2860	1 1/4	362	2860	1 1/4	362			
CIRCLING	3020	1 1/4	477	3060	1 1/4	517	3140	1 1/2	597	3740	3	1197			
NOTES: CHART NOTE: CIRCLING NA FOR CATS C AND D SOUTH OF RWYS 4 AND 25. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ETHER ON V12 EAST BOUND. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART PLANVIEW NOTE: CAUTION: HIGH TERRAIN 5 NM SW OF AIRPORT.															
CITY AND STATE PALMDALE, CA		ELEVATION: 2543 TDZE: 2498 AIRPORT NAME: PALMDALE USAF PLANT 42		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG						SUP: AMDT: NONE DATED			

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/> ZLA, JOSHUA APP CON, PMD ATCT, AMGR, HQ AFMC</div>			
FLIGHT CHECKED BY					
NAME: KENNETH E JACK		Digitally signed by JOHNNIE BAKER		FIFO FICO	DATE: 03/05/2018
DEVELOPED BY Mar 08, 2018					
NAME: SEAN BARBEE		Digitally signed by SEAN BARBEE Dec 07, 2017		FIFO AJV-5431	DATE: 08/14/2017
APPROVED BY					
NAME: PATRICK MULQUEEN		Digitally signed by JOHNNIE BAKER MANAGER		FIFO AJV-5430	DATE:
CHANGES: Mar 08, 2018					
REASONS:					
ORIGINAL					
12/07/2017: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/14/2017. 1. ADDED VERTICAL ANGLE ALTITUDE AT MISSED APPROACH POINT FOR ARINC CODING.					
<div>QUALITY 26 CHECKED</div>					

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
3000 MSL	OLTIW (DF) (FB) (RNP 1.00)		
OLTIW	FISCH (TF) (FO) (RNP 1.00)	326.69 / 9.11	6700

QUALITY
26
CHECKED

CITY AND STATE
PALMDALE, CA

ELEVATION: 2543 TDZE: 2498
AIRPORT NAME:
PALMDALE USAF PLANT 42

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG

SUP:
AMDT: NONE
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
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER (specify) _____					
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**

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.

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPMD
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	343814.2360N
LTP/FTP LONGITUDE	1180336.9660W
LTP/FTP ELLIPSOIDAL HEIGHT	+07279
FPAP LATITUDE	343722.7935N
FPAP LONGITUDE	1180505.1980W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	02.75
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

C538AA75

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+07593
FPAP ORTHOMETRIC HEIGHT	+07593

QUALITY
9
CHECKED

CITY AND STATE

PALMDALE, CA

ELEVATION: 2543

TDZE: 2498

AIRPORT NAME:

PALMDALE USAF PLANT 42

FACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG

SUP:

AMDT: NONE

DATED:

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

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>VDP NOT ESTABLISHED - LOCATED BETWEEN MAP AND RUNWAY.</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>ORDER 8260.3 CHAPTER 2 APPLIED TO 2670 TOWER 343955N/1180044W.</div> <div>SEE ATTACHED AIRSPACE LETTER.</div> <div>ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.34NM CAT B: 1.90NM CAT C: 2.99NM CAT D: 3.93NM</div> <div>RASS PRESSURE PATTERNS THE SAME KPMD 2543, KWJF 2351 RA = 49.0.</div> <div>VGSI DATA: 2.50/52.0</div> <div>30 FT TREE HEIGHT USED FOR EVALUATION BASED ON MAXIMUM GROWTH OF INDIGENOUS VEGETATION (JOSHUA TREE).</div> <div>25 DEGREE BANK ANGLE USED FOR MISSED APPROACH TURN FROM OLTIW TO FISCH.</div> <div>OBSTACLE #11 NUMBER: 06-001797</div> <div>OBSTACLE #12 ACCOUNTS FOR 100 FT TREES LOCATED AT GOLF COURSE 9300 FT SOUTHWEST OF AIRPORT - DISTANCE FROM AIRPORT AND TREE HEIGHT (80 - 100 FT) AT GOLF COURSE PROVIDED BY USAF POINT OF CONTACT FOR AIRPORT</div> <div>OBSTACLE #13 ACCOUNTS FOR VEHICLE ON FREEWAY 14 THAT IS LOCATED 12000 FT FROM WEST END OF RWY 7/25 - DISTANCE AND HEIGHT OF ELEVATED FREEWAY (UP TO 90 FT) PROVIDED BY USAF POINT OF CONTACT FOR AIRPORT; STANDARD 17 FT USED FOR VEHICLE ON MAJOR HIGHWAY.</div> <div>INITIAL AND INTERMEDIATE SEGMENTS WHOLLY CONTAINED WITHIN LATERAL LIMITS OF CLASS E SURFACE AREA - FLOOR OF CONTROLLED AIRSPACE IS 700 FT WITH THE ADDITION OF 300 FT BUFFER.</div> <div>FOR CONTINGENCY PURPOSES ONLY: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LANCASTER ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND INCREASE CIRCLING CAT C VISIBILITY TO 1 3/4 SM.</div> <div>ALTERNATE MINIMUMS: @NA WHEN LOCAL WEATHER NOT AVAILABLE.</div>																			
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE															3. ALTIMETER SETTING									
PMD TOWER JOSHUA APP CON							N W S		OTHER: ASOS											SOURCE:KPMD / KWJF									
							F A A													DISTANCE: 0 / 9.42									
							A / C													HOURS REMOTE OPERATION: 24/YES / 24/YES									
SATISFACTORY ON:																				LOCATION: KPMD					ADJUSTMENT: 0 / 49				
4. MONITOR STATUS				PRIMARY NAVAID:																									
				MONITOR POINT:																									
		HRS OPTN:		CAT 1				CAT 3																					
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(S) SALS																									
				MALS																									
		X		HIRL 04 (PCL), 07 (PCL), 22 (PCL), 25 (PCL)																									
				MIRL																									
		X		REIL 04 (PCL), 07 (PCL), 22 (PCL), 25 (PCL)																									
				TDZ																									
				C/LINE																									
6. RUNWAY MARKINGS				BASIC BSC-G 04, 22																									
				ALL WEATHER PIR-G 07, 25																									
				INSTRUMENT																									
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				X		RUNWAY THRESHOLD				FT. FROM THRESHOLD																			
						ON CENTERLINE				FT. FROM CENTERLINE																			
10. WAIVERS: NONE																													
PART D - PREPARED BY: SEAN BARBEE										DATE: 08/14/2017																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5431																			

