

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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 ID</u> KMHV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MOJAVE	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 2801	<u>TDZE</u> 2712	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE			

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WIJYI		JERID		TF	FB		118.71	13.10	10000
JERID		GLAZY		TF	FB		085.16	8.11	6000
PMD VORTAC		GLAZY		TF	FB		316.24	15.17	6000
GLAZY	IAF	KIMMS		TF	FB		045.10	10.41	5000
KIMMS	IF	WORUM		TF	FB		316.21	4.12	4000
WORUM	FAF	PAULN	MAP	TF	FO		301.18	3.07	
PAULN	MAP	2962 MSL		CA			301.18		
2962 MSL		COVMA		DF	FO				
COVMA		MEDGE		TF	FB		213.77	12.07	
MEDGE		JERID		TF	FO		185.01	4.30	6000

MISSED APPROACH

MAP:

LPV: DA

LNAV: PAULN

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 200 KIAS UNTIL MEDGE) CLIMB DIRECT COVMA, THEN CLIMBING LEFT TURN TO 6000 ON TRACK 213.77 TO MEDGE AND TRACK 185.01 TO JERID AND HOLD. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 350 FEET PER NM TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** **(IAF)**
2. PROFILE STARTS AT GLAZY
3. **FAC:** 301.18 **FAF:** WORUM **DIST FAF TO MAP:** 3.07 **DIST FAF TO THLD:** 3.94

4. MIN ALT: GLAZY 6000, KIMMS 5000, WORUM 4000

5. DIST TO THLD FROM FAF: 3.94 MM: IM: 150 HAT: 250 HAT: 0.68

6. MIN GP INCPT: 4000 GP ALT AT FAF: WORUM MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 60

8. MSA FROM: PAULN 9700

PBN EQUIPMENT REQUIREMENTS NOTES:

RNP APCH - GPS

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PMD VORTAC AIRWAY RADIALS 233 CW 298.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 029.00 INBOUND
CHART FAS OBST: 2894 TREE 350022N/1180603
CHART AT OR BELOW 8000 AND AT OR ABOVE 6000 AT GLAZY
CHART AT OR BELOW 5300 AND AT OR ABOVE 5000 AT KIMMS
CHART MANDATORY 4000 AT WORUM
CHART KEDW CLASS D, R-2515, ISABELLA MOA
WAAS CHANNEL #52823
REFERENCE PATH ID: W30A
LTP HAE (WGS-84): 787.1 M
NON-FAA PROCEDURE

MINIMUMS:

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

ALTERNATE: NA ☐ LPV: CAT C, D 900-4
LNAV: CAT C, D 1000-3

<u>CATEGORY:</u>		<u>A</u>		<u>B</u>		<u>C</u>		<u>D</u>		<u>E</u>					
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA*	2962	3/4	250	2962	3/4	250	2962	3/4	250	2962	3/4	250			
LPV DA	3190	1 3/8	478	3286	1 5/8	574	3655	4	943	3655	4	943			
LNAV MDA*	3160	1	448	3160	1	448	3160	1 3/8	448	3160	1 3/8	448			
LNAV MDA	3220	1	508	3360	1	648	3740	3	1028	3740	3	1028			

CHANGES - REASONS:

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☐ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLA, JOSHUA APP CON, AMGR, WFPT

FLIGHT CHECKED BY

CHRISTIAN F BAUR

Chris Baur Digitally signed by Chris Baur
Date: 2021.07.26 21:34:58 -07'00'

OFFICE

HAC

DATE

12/17/2020

DEVELOPED BY

ROBERT ABBOTT

Robert Abbott Digitally signed by Robert Abbott
Date: 2021.07.26 21:34:41 -07'00'

OFFICE

HAC

DATE

07/26/2021

APPROVED BY

BRIAN BERUBEE

Brian Berubee Digitally signed by Brian Berubee
Date: 2022.01.05 12:27:07 -07'00'

OFFICE

HAC

DATE

12/17/2021

TITLE

CHIEF DESIGNER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMHV
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	350247.5890N
LTP/FTP LONGITUDE	1180759.1195W
LTP/FTP ELLIPSOIDAL HEIGHT	+07871
FPAP LATITUDE	350408.9415N
FPAP LONGITUDE	1180937.5580W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
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
VERTICAL ALERT LIMIT (VAL)	50
 <u>CRC REMAINDER</u>	 068F4C61

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	818.8
FPAP ORTHOMETRIC HIEGHT	818.8

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
	KMHV	RNAV (GPS) RWY 30	ORIG	MOJAVE	CA	2801	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TO
WIJYI JERID

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
	13.1											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>			
1. AAO	350227.00N/1183410.00W	7969	50	20	2C	2000						10000
2. TERRAIN	350024.00N/1182942.00W	7099 (7100)								AS1500		8600

COMPUTATIONS

<u>TF TURN FIX</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
WIJYI	13277	300	378.17	10475.72	73.29							

SEGMENT REMARKS:

WIJYI (VECTOR) ALT 10200 KTAS 359.87 HAA 7398.70 VKTW 67.20 TR 5.70 BA 25.00 DTA 5.70 COURSE CHG 90.0

FEEDER

FROM TO
JERID GLAZY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
	8.11											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>			
3. AAO (NGS-EW7158)	345300.64N/1181635.08W	3501	20	3	1A	2000				AT499		6000
4. TERRAIN	345300.64N/1181635.08W	3301 (3300)								AS1500		4800

COMPUTATIONS

<u>TF TURN FIX</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
JERID	10000	300	358.73	7198.70	66.80	8.72	16.83	2.64	33.7			

SEGMENT REMARKS:

FEEDER

FROM TO
PMD VORTAC GLAZY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
	15.17											

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5. TOWER (06-001367)	345103.00N/1180925.00W	2786	100	20	3C	2000				AT1214	6000
6. TERRAIN	343700.00N/1180600.00W	2549 (2500)								AS1500	4000

COMPUTATIONS

TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
PMD VORTAC	11428	300	367.01	8626.72	69.63							

SEGMENT REMARKS:
PMD (VECTOR) ALT 10700 KIAS 300 KTAS 362.76 HAA 7898.70 VKTW 68.19 TR 5.80 BA 25.00 DTA 5.80 COURSE CHG 90.0

INITIAL
FROM
GLAZY
TO
KIMMS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>				
	10.41											
<u>OBSTRUCTION</u>		<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
7. AAO		345444.50N/1180427.00W	3406	50	20	2C	1000				AT594	5000
8. TERRAIN		345444.50N/1180427.00W	3206 (3200)								AS1500	4700

COMPUTATIONS

TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
GLAZY	7634	250	287.99	4832.22	62.11	3.83	25.00	3.76	89.0			

SEGMENT REMARKS:
GLAZY (VECTOR) ALT 6000 KTAS 280.77 HAA 3198.70 VKTW 58.88 TR 3.61 BA 25.00 DTA 3.61 COURSE CHANGE 90.0

INTERMEDIATE
FROM
KIMMS
TO
WORUM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>					
	4.12											
<u>OBSTRUCTION</u>		<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
9. AAO		345547.50N/1180032.00W	3199	50	20	2C	500					3700
10. TERRAIN		345936.00N/1180439.00W	2972 (3000)								AS1000	4000

COMPUTATIONS

TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
KIMMS	5030	250	276.62	2228.91	56.96	3.48	25.00	3.42	89.0			

SEGMENT REMARKS:
VECTOR: DTA 3.48 COURSE CHANGE 90.0

AIRPORTAIRPORT ID

KMHV

PROCEDURE NAME

RNAV (GPS) RWY 30

AMDT NO.

ORIG

CITY

MOJAVE

STATE

CA

AIRPORT ELEVATION

2801

FACILITY

RNAV

FINAL: LPV W/CG

FROM

WORUM

TO

RW30

RNPDISTANCE

3.94

PATMAP

DA

HAT

250

HMASOBSTRUCTIONCOORDINATESELEV MSLHORZVERTACROC

34.00:1

CGCGTAADJUSTMENTSMIN ALT

2962

COMPUTATIONSTF TURN FIXALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.0

DVEBVEB OCSRF CENTER FIX/DISTANCESEGMENT REMARKS:

FINAL: LPV (CAT A W/STANDARD MA)

FROM

WORUM

TO

RW30

RNPDISTANCE

3.94

PATMAP

DA

HAT

574

HMASOBSTRUCTIONCOORDINATESELEV MSLHORZVERTACROC

34.00:1

CGCGTAADJUSTMENTS

MA228

MIN ALT

3190

COMPUTATIONSTF TURN FIXALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.0

DVEBVEB OCSRF CENTER FIX/DISTANCESEGMENT REMARKS:

FINAL: LPV (CAT B W/STANDARD MA)

FROM

WORUM

TO

RW30

RNPDISTANCE

3.94

PATMAP

DA

HAT

462

HMAS

AIRPORTAIRPORT ID

KMHV

PROCEDURE NAME

RNAV (GPS) RWY 30

AMDT NO.

ORIG

CITY

MOJAVE

STATE

CA

AIRPORT ELEVATION

2801

FACILITY

RNAV

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							34.00:1			MA324	3286

COMPUTATIONSTF TURN FIX

WORUM

ALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.0

DVEBVEB OCSRF CENTER FIX/DISTANCESEGMENT REMARKS:

FINAL: LPV (CAT C/D W/STANDARD MA)

FROM

WORUM

TO

RW30

RNPDISTANCE

3.94

PATMAP

DA

HAT

655

HMASOBSTRUCTIONCOORDINATESELEV MSLHORZVERTACROCOCSCGCGTAADJUSTMENTSMIN ALT

34.00:1

MA693

3655

COMPUTATIONSTF TURN FIX

WORUM

ALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.0

DVEBVEB OCSRF CENTER FIX/DISTANCESEGMENT REMARKS:

FINAL: LNAV W/CG

FROM

WORUM

TO

PAULN

RNPDISTANCE

3.07

PATMAP

PAULN

HAT

448

HMASOBSTRUCTIONCOORDINATESELEV MSLHORZVERTACROCOCSCGCGTAADJUSTMENTSMIN ALT

11. TREE

350022.00N/1180603.00W

2894

50

20

2C

250

3160

COMPUTATIONSTF TURN FIX

WORUM

ALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.00

DVEBVEB OCSRF CENTER FIX/DISTANCESEGMENT REMARKS:

AIRPORTAIRPORT ID

KMHV

PROCEDURE NAME

RNAV (GPS) RWY 30

AMDT NO.

ORIG

CITY

MOJAVE

STATE

CA

AIRPORT ELEVATION

2801

FACILITY

RNAV

FINAL: LNAV (CAT A W/STANDARD MA)FROM

Worum

TO

PAULN

RNPDISTANCE

3.07

PATMAP

PAULN

HAT

508

HMASOBSTRUCTION

11. TREE

COORDINATES

350022.00N/1180603.00W

ELEV MSL

2894

HORZ

50

VERT

20

AC

2C

ROC

250

OCSCGCGTAADJUSTMENTS

MA60

MIN ALT

3220

COMPUTATIONSTF TURN FIX

Worum

ALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.00

DVEBVEB OCSRF CENTER FIX/DISTANCE**SEGMENT REMARKS:**

FINAL: LNAV (CAT B W/STANDARD MA)FROM

Worum

TO

PAULN

RNPDISTANCE

3.07

PATMAP

PAULN

HAT

648

HMASOBSTRUCTION

11. TREE

COORDINATES

350022.00N/1180603.00W

ELEV MSL

2894

HORZ

50

VERT

20

AC

2C

ROC

250

OCSCGCGTAADJUSTMENTS

MA200

MIN ALT

3360

COMPUTATIONSTF TURN FIX

Worum

ALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.00

DVEBVEB OCSRF CENTER FIX/DISTANCE**SEGMENT REMARKS:**

FINAL: LNAV (CAT C/D W/STANDARD MA)FROM

Worum

TO

PAULN

RNPDISTANCE

3.07

PATMAP

PAULN

HAT

1028

HMAS

AIRPORTAIRPORT ID

KMHV

PROCEDURE NAME

RNAV (GPS) RWY 30

AMDT NO.

ORIG

CITY

MOJAVE

STATE

CA

AIRPORT ELEVATION

2801

FACILITY

RNAV

FINAL: LNAV (CAT A W/STANDARD MA)FROM

Worum

TO

PAULN

RNPDISTANCE

3.07

PATMAP

PAULN

HAT

508

HMASOBSTRUCTION

11. TREE

COORDINATES

350022.00N/1180603.00W

ELEV MSL

2894

HORZ

50

VERT

20

AC

2C

ROC

250

OCSCGCGTAADJUSTMENTS

MA60

MIN ALT

3220

COMPUTATIONSTF TURN FIX

Worum

ALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.00

DVEBVEB OCSRF CENTER FIX/DISTANCESEGMENT REMARKS:

FINAL: LNAV (CAT B W/STANDARD MA)FROM

Worum

TO

PAULN

RNPDISTANCE

3.07

PATMAP

PAULN

HAT

648

HMASOBSTRUCTION

11. TREE

COORDINATES

350022.00N/1180603.00W

ELEV MSL

2894

HORZ

50

VERT

20

AC

2C

ROC

250

OCSCGCGTAADJUSTMENTS

MA200

MIN ALT

3360

COMPUTATIONSTF TURN FIX

Worum

ALT

4000

KIAS

165

KTAS

179.71

HAA

1198.70

VKTW

30.00

TR

4.87

BA

7.50

DTA

0.64

COURSE CHANGE

15.00

DVEBVEB OCSRF CENTER FIX/DISTANCESEGMENT REMARKS:

FINAL: LNAV (CAT C/D W/STANDARD MA)FROM

Worum

TO

PAULN

RNPDISTANCE

3.07

PATMAP

PAULN

HAT

1028

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11. TREE	350022.00N/1180603.00W	2894	50	20	2C	250				MA580	3740

COMPUTATIONS

TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
WORUM	4000	165	179.71	1198.70	30.00	4.87	7.50	0.64	15.00			

SEGMENT REMARKS:

MISSED APPROACH: LPV W/CG

FROM						TO																			
DA						JERID																			
RNP		DISTANCE		PAT		MAP		HAT		HMAS															
						DA				2758															
OBSTRUCTION		COORDINATES		ELEV MSL		HORZ		VERT		AC		ROC		OCS		CG		CGTA		ADJUSTMENTS		MIN ALT			
12. WINDMILL (06-036874)		350636.79N/1181331.77W		4526		250		50		4D				ASC		350		5000				6000			
12. WINDMILL (06-036874)		350636.79N/1181331.77W		4526		250		50		4D		1000								PR190		5800			
13. TERRAIN		350348.00N/1181718.00W		4209 (4200)																AS1500		5700			
COMPUTATIONS																									
TF TURN FIX		ALT		KIAS		KTAS		HAA		VKTW		TR		BA		DTA		COURSE CHANGE		DVEB		VEB OCS		RF CENTER FIX/DISTANCE	
COVMA		3943		200		217.65		1142.15		30.00		1.92		25.00		0.00		87.4							

SEGMENT REMARKS:

TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7

MISSED APPROACH: LPV (CAT A W/STANDARD MA)

FROM						TO								
DA						JERID								
RNP		DISTANCE		PAT		MAP		HAT		HMAS				
						DA				2886				
OBSTRUCTION		COORDINATES		ELEV MSL		HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
										ASC				6000
12. WINDMILL (06-036874)		350636.79N/1181331.77W		4526		250	50	4D	1000				PR190	5800
13. TERRAIN		350348.00N/1181718.00W		4209 (4200)									AS1500	5700
COMPUTATIONS														
TF TURN FIX		ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE		DVEB	VEB OCS	RF CENTER FIX/DISTANCE
COVMA		3943	200	217.65	1142.15	30.00	1.92	25.00	0.00	87.4				

SEGMENT REMARKS:

TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7

AIRPORTAIRPORT ID

KMHV

PROCEDURE NAME

RNAV (GPS) RWY 30

AMDT NO.

ORIG

CITY

MOJAVE

STATE

CA

AIRPORT ELEVATION

2801

FACILITY

RNAV

MISSED APPROACH: LPV (CAT B W/STANDARD MA)

FROM TO
DA JERID

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u> PAULN	<u>HAT</u>	<u>HMAS</u> 2940	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u> ASC	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
						12. WINDMILL (06-036874)	350636.79N/1181331.77W	4526	250	50	4D	1000				PR190	5800
						13. TERRAIN	350348.00N/1181718.00W	4209 (4200)								AS1500	5700
COMPUTATIONS																	
<u>TF TURN FIX</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>					
COVMA	3943	200	217.65	1142.15	30.00	1.92	25.00	0.00	87.4								

SEGMENT REMARKS:

TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7

MISSED APPROACH: LPV (CAT C/D W/STANDARD MA)

FROM TO
DA JERID

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u> PAULN	<u>HAT</u>	<u>HMAS</u> 3149	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
						12. WINDMILL (06-036874)	350636.79N/1181331.77W	4526	250	50	4D	1000				PR190	5800
						13. TERRAIN	350348.00N/1181718.00W	4209 (5700)								AS1500	5700
COMPUTATIONS																	
<u>TF TURN FIX</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>					
COVMA	3943	200	217.65	1142.15	30.00	1.92	25.00	0.00	87.4								

SEGMENT REMARKS:

TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7

MISSED APPROACH: LNAV W/CG

FROM TO
PAULN JERID

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u> PAULN	<u>HAT</u>	<u>HMAS</u> 3060
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12. WINDMILL (06-036874)	350636.79N/1181331.77W	4526	250	50	4D		ASC	350	5000		6000
12. WINDMILL (06-036874)	350636.79N/1181331.77W	4526	250	50	4D	1000				PR190	5800
13. TERRAIN	350348.00N/1181718.00W	4209 (4200)								AS1500	5700

COMPUTATIONS

TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
COVMA	3943	200	217.65	1142.15	30.00	1.92	25.00	0.00	87.4			

SEGMENT REMARKS:

TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7

MISSED APPROACH: LNAV (CAT A W/STANDARD MA)

FROM

PAULN

TO

JERID

RNP	DISTANCE	PAT	MAP	HAT	HMAS
			PAULN		3120

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12. WINDMILL (06-036874)	350636.79N/1181331.77W	4526	250	50	4D	1000				PR190	5800
13. TERRAIN	350348.00N/1181718.00W	4209 (4200)								AS1500	5700

COMPUTATIONS

TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
COVMA	3943	200	217.65	1142.15	30.00	1.92	25.00	0.00	87.4			

SEGMENT REMARKS:

TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7

MISSED APPROACH: LNAV (CAT B W/STANDARD MA)

FROM

PAULN

TO

JERID

RNP	DISTANCE	PAT	MAP	HAT	HMAS
			PAULN		3260

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12. WINDMILL (06-036874)	350636.79N/1181331.77W	4526	250	50	4D	1000				PR190	5800
13. TERRAIN	350348.00N/1181718.00W	4209 (4200)								AS1500	5700

COMPUTATIONS

TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
COVMA	3943	200	217.65	1142.15	30.00	1.92	25.00	0.00	87.4			

SEGMENT REMARKS:

TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7

MISSED APPROACH: LNAV (CAT C/D W/STANDARD MA)

FROM	TO											
PAULN	JERID											
RNP	DISTANCE	PAT		MAP	HAT		HMAS					
				PAULN			3640					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6000
12. WINDMILL (06-036874)	350636.79N/1181331.77W		4526	250	50	4D	1000				PR190	5800
13. TERRAIN	350348.00N/1181718.00W		4209 (4200)								AS1500	5700
COMPUTATIONS												
TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
COVMA	3943	200	217.65	1142.15	30.00	1.92	25.00	0.00	87.4			
SEGMENT REMARKS:												
TURN FIX MEDGE ALT 6000 KIAS 200 KTAS 224.62 HAA 3198.70 VKTW 58.88 TR 4.59 BA 14.33 DTA 1.17 COURSE CHANGE 28.7												

CIRCLING

NOT AUTHORIZED

CIRCLING REMARKS:

CIRCLING NA, CATS C/D CMDAS WOULD REQUIRE GREATER THAN 4000 FAF ALTITUDE

MSA

CENTER	RADIUS										
PAULN	25										
SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	ADJUSTMENTS	MIN ALT
360-360	AAO	352658.00N/1182318.00W	318	28.00	8648	50	3	2A	1000		9700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

JOSHUA CONTROL FACILITY, MHV ATCT

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3	KMHV	24	KMHV	0.00	Y	
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

AIRPORTAIRPORT ID

KMHV

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FACILITY

RNAV

WX REMARKS:PRIMARY NAVAIDMONITOR POINTHRS OPERATIONCATAPPROACH AND RUNWAY LIGHTING SYSTEMRUNWAY MARKINGSRUNWAY VISUAL RANGE

RWY 30 - HIRL, REIL, PAPI-4L

NPI-F

RWY 12 - HIRL, REIL, PAPI-4L (UNUSBL BEYOND 2.5 NM)

NPI-F

RWY 04 - MIRL, PAPI-2L

NPI-G

RWY 22 - MIRL, PAPI-2L

NPI-G

RWY 08 - MIRL, PAPI-2L

NPI-G

RWY 26 - MIRL, PAPI-2L

NPI-G

GLIDESLOPE ANGLE

3.00

ELEV RWY THRESHOLD

2686.2

TCH

60

ELEV GS ANTENNADISTANCE FROM RWYVGSI ANGLE

3.00

TCH

62

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD



FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE 900.1

ON CENTERLINE



FT FROM CENTERLINE

CRITICAL TEMPERATURESCRITICAL LOWCRITICAL HIGHACTAPT ISA**CRITICAL TEMPERATURE REMARKS:****"VISUAL PORTION OF FINAL" PENETRATIONS**

20:1

34:1

PENETRATIONS REMARKS:

AIRPORT

AIRPORT ID
KMHV

PROCEDURE NAME
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AMDT NO.
ORIG

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CA

AIRPORT ELEVATION
2801

FACILITY
RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED – VDP WITHIN 0.5 NM FROM MISSED APPROACH WP.

LNAV/VNAV NOT INCLUDED, MAP NOT LOCATED AT THLD,

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FEEDER SEGMENTS WIJYI TO JERID TO GLAZY AND PMD VORTAC TO GLAZY TERRAIN IDENTIFIED AS PRECIPITOUS; ROC REDUCTIONS NOT AUTHORIZED/2000-FOOT ROC REQUIRED.

MAX MISSED APPROACH AIRSPEED UNTIL MEDGE 200 KIAS - OBSTACLES

MAXIMUM TREE HEIGHT 25 FT PER WFPT

2C AC AAO DETERMINED BY CHART STUDY

1A AC AAO DETERMINED BY NGS SURVEY MARKS

AIRPORTAIRPORT ID

KMHV

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PART D: AIRSPACE**DOCKET #****ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

DISTANCE FROM	THLD	TO 1000FT POINT	3.31
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.78
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	315.18
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2800
DISTANCE FROM	FAF	TO 1500FT POINT	2.12
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	330.21
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	3000
THRESHOLD COORDINATES (IF STR-IN)	350247.59N/1180759.12W		
ARP COORDINATES	350332.20N/1180902.20W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RWY 30/1.29 NM		
PFAF COORDINATES	345959.81N/1180436.35W		
FIX NAME COORDINATES	INTERMEDIATE WP: 345624.957N/1180206.850W		

REMARKS
RW30 THRESHOLD DISPLACED 900 FT (0.148 NM)**PART E: PREPARED BY**NAME

ROBERT ABBOTT

Robert Abbott

Digitally signed by Robert Abbott
Date: 2021.10.18 13:46:52 -07'00'OFFICE

HAC

DATE

07/26/2021

TITLE

PROCEDURE DESIGNER