

NOTE: ALL HEADINGS ARE MAGNETIC UNLESS IDENTIFIED AS TRUE

# KMHV RNAV (GPS) Rwy 30 - 12/29/2022

CHECK CURRENT AIRPORT/FACILITY NOTAMS

PROCEDURE INFORMATION	AIRPORT NAME: MOJAVE AIR AND SPACE PORT		AIRPORT ID: KMHV	CITY: MOJAVE	STATE: CA	AIRPORT ELEVATION: 2801	TDZE: 2712	MAGVAR: 14E	EPOCH YEAR: 2000	FACILITY: RNAV	CONTROL TOWER: YES		
FIX NAME (FROM)	COORDINATES	SEGMENT/ FIX TYPE	FIX NAME (TO)	COORDINATES	LEG TYPE	FO/FB	RNP	Magnetic (True) Course or RADIUS/Turn Direction/RF Center Point	DISTANCE	START ALTITUDE/VAA	END ALTITUDE/VAA	SPEED RESTRICTION	PRECIPITOUS EVAL/AMT
PMD VORTAC	343753.034N/1180349.761W	FEEDER	GLAZY	345104.202N/1181258.786W	TF	FB	1.00	316.24 (330.24° T)	15.17	10700	6000		NO
WIJYI	350116.850N/1183424.610W	FEEDER	JERID	345222.210N/1182242.680W	TF	FB	1.00	118.71 (132.71° T)	13.10	10200	10000		NO
JERID	345222.210N/1182242.680W	FEEDER	GLAZY	345104.202N/1181258.786W	TF	FB	1.00	085.16 (099.16° T)	8.11	10000	6000		NO
GLAZY	345104.202N/1181258.786W	IAF	KIMMS	345624.960N/1180206.850W	TF	FB	1.00	045.10 (059.10° T)	10.41	8000	5000		YES/0
KIMMS	345624.960N/1180206.850W	IF	WORUM	345959.808N/1180436.354W	TF	FB	1.00	316.21 (330.21° T)	4.12	5300	4000		YES/0
WORUM	345959.808N/1180436.354W	FAF	PAULN	350210.562N/1180714.342W	TF	FO	0.30	301.18 (315.18° T)	3.07	4000			YES
PAULN	350210.562N/1180714.342W	MAP	2962 MSL		CA			301.18 (315.18° T)					YES/0
2962 MSL		MAP	COVMA	350434.483N/1181008.477W	DF		1.00					200.0	YES/0
COVMA	350434.483N/1181008.477W		MEDGE	345626.570N/1182100.520W	TF	FB	1.00	213.77 (227.77° T)	12.07			200.0	YES/0
MEDGE	345626.570N/1182100.520W		JERID	345222.210N/1182242.680W	TF	FO	1.00	185.01 (199.01° T)	4.30		6000/6000		YES/150

ARINC CODING	(WHEN CODED MAP PRIOR TO THE THLD) VERTICAL ANGLE ALT AT THE MAP: 3023	PBN REQUIREMENTS NOTE: RNP APCH - GPS	RNP RADIUS TURN CNF COORDINATES

HIL											
ARRIVAL HOLDING											
MISSED HOLDING	JERID 345222.210N/1182242.680W	WP RAD/CRS/BRG 209.00	HOLD SW, RT, 029.00 INBOUND	MIN/MAX ALTITUDE: 6000/6000	MIN/MAX PATTERN: 6/6	DME: 5	SPEED OF MIN PATTERN: 200	PRECIPITOUS EVAL: YES PRECIPITOUS AMT: 250.00	PRECIPITOUS TERRAIN EVALUATION COMPLETED HOLDING LIMITED TO ESTABLISHED PATTERN(S)		
CIH	CLEARANCE LIMIT OCS ALT (FT): 5478.60			CLEARANCE LIMIT AC ALT (FT): 6323.20			MISSED HOLD ALTITUDE: 6000.00			CIH REQUIRED: NO	

PROFILE	LINE 2: PROFILE STARTS AT GLAZY	FAC: 301.18	FAF: WORUM	DISTANCE FAF TO MAP: 3.07	DISTANCE FAF TO THLD: 3.94	MIN ALT: GLAZY 8000 KIMMS 5300 WORUM 4000	250 HAT: 0.68	MIN GP INCPPT: 4000	GP ALT AT FAF: WORUM 4000	GP ANGLE: 3.00	34:1 IS CLEAR	20:1 IS CLEAR	TCH: 60.0	MSA FROM: PAULN 9700
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ADDL FLIGHT DATA/ NOTES	CIRCLING 20:1 RESTRICTIONS: NO	RUNWAYS NOT AUTHORIZED: NONE	CRITICAL LOW TEMP: NA	CRITICAL HIGH TEMP: NA	FINAL OFFSET ANGLE: 0.00 LEFT	LTP DISTANCE TO FAC INTERCEPT (FT): 0	VDP: NA - SEE REMARKS	(LNAV/LP ONLY) VDA: 3.00/60 (FOR ST-IN ALIGNED NPA SIAPS W/O PA OR APV MINIMUMS)	MANDATORY ALTITUDES: NO
	HELICOPTER VISIBILITY RESTRICTION: NO	VGSI AND RNAV GLIDEPATH ARE COINCIDENT.	CIRCLING CAT/DIRECTION RESTRICTIONS: NO			VGS: LPV (APV): ALL SURFACES CLEAR		AIRSPEED RESTRICTIONS: YES 200 AT COVMA 200 AT MEDGE	HOLD SW, RT, 029.00 INBOUND
	CHART FAS OBST: 2894 TREE (UDO 09) 350022N/1180603W								

ALTERNATE	NA	NA
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MINIMUMS  (PRIMARY) KMHV	CATEGORY (CIRCLING RADIO)	CAT A (0)			CAT B (0)			CAT C (0)			CAT D (0)			CAT E (0)			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	HMAS
	LPV** (350/ 5000) DA	2962	3/4	250	2962	3/4	250	2962	3/4	250	2962	3/4	250				2758
	LPV DA	3190	1 3/8	478	3286	1 5/8	574	3655	4	943	3655	4	943				2886
	LNAV** (350/ 5000) MDA	3160	1	448	3160	1	448	3160	1 3/8	448	3160	1 3/8	448				3060
	LNAV MDA	3220	1	508	3360	1	648	3740	3	1028	3740	3	1028				3120

VISIBILITY DATA	APP LIGHTS: NONE	PHYSICAL RWY LENGTH: 12503	SURVEY TYPE: VG (ANALPV)	RWY SURFACE: Asphalt/Concrete (ASPH)	RWY MARKINGS: NONPRECISION	RWY EDGE LIGHTS: HIRL	RVR: TD/MID/ROLL NO/NO/NO	TDZE AND C/L: No	ALS extends to displaced runway threshold: N/A	At least one other runway has edge lights: Yes
	HIGHEST CAT: D	GPA: 3.00	TCH: 60.0	THRE: 2686.2	DISTANCE MAP TO THLD (FT): 5280.00	34:1 IS CLEAR 20:1 IS CLEAR				

LINE OF MINIMA	34:1	20:1	VGS	WHEN A SURFACE IS PENETRATED ONLY ONE OBSTACLE WILL BE DISPLAYED IN THIS TABLE, THAT WILL BE THE OBSTACLE WITH THE HIGHEST PENETRATION VALUE. SEE TARGETS FOR ADDITIONAL OBSTACLE DATA AS REQUIRED.
LPV 574.0 VISUAL AREA	ASC	ASC	NA	
LPV 478.0 VISUAL AREA	ASC	ASC	NA	
LPV 943.0 VISUAL AREA	ASC	ASC	NA	
LPV 250.0 VISUAL AREA	ASC	ASC	NA	
NPA VISUAL AREA	ASC	ASC	NA	
LNAV CG 350.0 VGS AREA	NA	NA	ASC	
LNAV VGS AREA	NA	NA	ASC	
LPV CG 350.0 VGS AREA	NA	NA	ASC	
LPV VGS AREA	NA	NA	ASC	

PRECISION APPROACH (PA)	ILS	PAR	GLS	MMLS								
APPROACH WITH VERTICAL GUIDANCE (APV)	LPV	LNAV/VNAV	RNP	LDA WITH GLIDE SLOPE								
NON PRECISION APPROACH (NPA)	LP	LNAV	LOCALIZER	LOC BC	LDA	VOR	NDB	ASR	TACAN	CIRCLING		

FAS DATA: LPV /LP or GLS PROCEDURE TYPES ONLY	APT ID: KMHV	LTP/FTP COORDINATES: 350247.5890N/ 1180759.1195W	ELLIPSOIDAL HEIGHT (M): +07871	FPAP COORDINATES: 350408.9415N/ 1180937.5580W	TCH: 00060.0	GPA: 03.00	COURSE WIDTH AT THLD: 106.75	LENGTH OFFSET: 0000	HAL: 40.0	VAL: 50.0
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Raw data with the ten thousandth's digits of 1 through 4 are rounded to 0.  
Raw data with the ten thousandth's digits of 5 through 9 are rounded to 5.

MSA FROM: PAULN (RADIUS 25 NM)	SECTOR: 360-360 (M)	OBSTRUCTION: AAO (UDO 08) N352658.00/W1182318.00	BEARING (M): 318	DISTANCE: 28.0	ELEV MSL: 8648	HORZ: 50	VERT: 3	AC: 2A	ROC: 1000	MIN ALT: 9700

WX/ALTIMETER SOURCE	TYPE	WX SERVICE	WX LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
	PRIMARY ALTIMETER - LOCAL	AWOS-3	KMHV	24	KMHV	0	Y	0

WX REMARKS				
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GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	2686.2	60.0			3.00	62 (62.0)

FINAL APPROACH COURSE AIMING						
RUNWAY THRESHOLD	X		FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	901	
ON CENTERLINE	X		FT FROM CENTERLINE			

CRITICAL TEMPS		CRITICAL LOW:		CRITICAL HIGH:		ACT:	APT ISA:	DESCENT RATE (FPM): STANDARD TEMP			DESCENT RATE (FPM): HIGH TEMP		
REMARKS	PRECIPITOUS TERRAIN EVALUATION COMPLETED: YES		VDP PUBLISHED: NO: The VDP is not publishable due to: VDP is located within 0.5 NM from final fix.		VEGETATION HEIGHT: 25 FT	AIRSPACE	FINAL: 4000 3.94 NM	HIGH TERRAIN IN FINAL: 2814 (2800)	FINAL COURSE (TRUE): 315.18	INTERMEDIATE SEGMENT 330.21T 700/300 2972 (3000)			
						RUNWAY APCH END AND DIST FURTEST FROM ARP: RUNWAY 30 DISTANCE 1.29 NM		RWY THLD COORDINATES: N350247.59 W1180759.12	ARP COORDINATES: N350332.20 W1180902.20	PFAF COORDINATES: N345959.81 W1180436.35			
									GPA: 3.00	TCH: 60.0	THRE: 2686.2		

OCS SLOPE	LPV: 34.00:1										
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CONTROLLING OBSTACLES																	
SEGMENT	ADJ AREA	START POINT	END POINT	OBSTACLE TYPE	COORDINATES	HT AMSL	(H/V) AC	APPL'D AC	ADJ EFF HT AMSL	MT	PRI ROC/ SLOPE	RA	XL	ADJ SA	ADJ PRI EQUIV HT AMSL	PR	ADJ MIN OBS ALT AMSL
Feeder from PMD	Primary	PMD	GLAZY	TOWER (06-001367)	345103.00N/1180925.00W	2786	(+100/+20) 3C	0	2786	NO	2000				2786		4800
Feeder from WIJYI	Primary	WIJYI	JERID	AAO (UDO 20)	350227.00N/1183410.00W	7969	(+50/+20) 2C	0	7969	NO	2000				7969		10000
Feeder from WIJYI	Primary	JERID	GLAZY	AAO (NGS-EW7158)	345300.64N/1181635.08W	3501	(+20/+3) 1A	0	3501	NO	2000				3501		5600
Initial from GLAZY	Primary	GLAZY	KIMMS	AAO (UDO 03)	345444.50N/1180427.00W	3406	(+50/+20) 2C	0	3406		1000				3406	0	4500
Intermediate from KIMMS	Primary	KIMMS	WORUM	AAO (UDO 02)	345547.50N/1180032.00W	3199	(+50/+20) 2C	0	3199		500	0			3199	0	3700
Final LPV		WORUM	KMHV:RW30	ASC													
Final LNAV WORUM to KMHV:RW30:AER	Primary	WORUM	KMHV:RW30	TREE (UDO 09)	350022.00N/1180603.00W	2894	(+50/+20) 2C	0	2894		250	0	0		2894	0	3160
Missed LPV B HAT/CG/CGTA				ASC													
Missed LPV A HAT/CG/CGTA				ASC													
Missed LPV C-D HAT/CG/CGTA				ASC													
Missed LPV A-D HAT/CG/CGTA				ASC													
Missed LNAV A-D HAT/CG/CGTA				ASC													
Missed LNAV C-D HAT/CG/CGTA				ASC													
Missed LNAV B HAT/CG/CGTA				ASC													
Missed LNAV A HAT/CG/CGTA				ASC													
Missed Level Surface	Primary			WINDMILL (06-036874)	350636.79N/1181331.77W	4526	(+250/+50) 4D	0	4526		1000				4526	190	5800
MSA	MSA			AAO (UDO 08)	352658.00N/1182318.00W	8648	(+50/+3) 2A	0	8648		1000					NA	9700
Holding JERID (200KTS)	T6:Primary	JERID	JERID	AAO (UDO 26)	344249.00N/1183003.00W	4479	(+50/+20) 2C	0	4479		1000				4479	250	5800

AIRSPACE ALTITUDES						
SEGMENT	START POINT	END POINT	COORDINATES	ELEVATION	AIRSPACE FLOOR/BUFFER	MIN AIRSPACE ALT
Feeder from WIJYI	WIJYI	JERID	350024.00N/1182942.00W	7099 (7100)	1200/300	8600
Feeder from WIJYI	JERID	GLAZY	345300.00N/1181636.00W	3293 (3300)	1200/300	4800
Feeder from PMD	PMD	GLAZY	343700.00N/1180600.00W	2549 (2500)	1200/300	4000
Initial from GLAZY	GLAZY	KIMMS	345445.00N/1180427.00W	3195 (3200)	1200/300	4700
Intermediate from KIMMS	KIMMS	WORUM	345936.00N/1180439.00W	2972 (3000)	700/300	4000
Final	WORUM	KMHV:RW30:AER	350021.00N/1180603.00W	2814 (2800)		
Missed	Missed	JERID	350348.00N/1181718.00W	4209 (4200)	1200/300	5700
Holding	JERID		344245.00N/1182957.00W	4229 (4200)	1200/300	5700

TF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHG	DVEB	VEB OCS	RF CENTER/DISTANCE
COVMA	3943	200	217.65	1142.15	30.00 (DEFAULT)	1.92	25.00	0.00	87.4			
MEDGE	6000	200	224.62	3198.70	58.88 (DEFAULT)	4.59	14.33	1.17	28.7			
WIJYI	13277	300	378.17	10475.72	73.29 (DEFAULT)	0.00	0.00	0.00	0.0			
WIJYI (VECTOR)	10200	300	359.87	7398.70	67.20 (DEFAULT)	5.70	25.00	5.70	90.0			
JERID	10000	300	358.73	7198.70	66.80 (DEFAULT)	8.72	16.83	2.64	33.7			
PMD	11428	300	367.01	8626.72	69.63 (DEFAULT)	0.00	0.00	0.00	0.0			
PMD (VECTOR)	10700	300	362.76	7898.70	68.19 (DEFAULT)	5.80	25.00	5.80	90.0			
KIMMS	5030	250	276.62	2228.91	56.96 (DEFAULT)	3.48	25.00	3.42	89.0			
KIMMS (VECTOR)	5000	250	276.49	2198.70	56.90 (DEFAULT)	3.47	25.00	3.47	90.0			
GLAZY	7634	250	287.99	4832.21	62.11 (DEFAULT)	3.83	25.00	3.76	89.0			
GLAZY (VECTOR)	6000	250	280.77	3198.70	58.88 (DEFAULT)	3.61	25.00	3.61	90.0			
WORUM	4000	165	179.71	1198.70	30.00 (DEFAULT)	4.87	7.50	0.64	15.0			

Note: If alt - aptelev <= 2000, VKTW = 30

OTHER RUNWAYS AT AIRPORT				
RWY #	SURVEY	SURFACE	LIGHTING	VGSI
04	VG	ASPH	MIRL	YES
22	VG	ASPH	MIRL	YES
12	ANALPV	ASPH	HIRL	YES
26	ANALPV	ASPH	MIRL	YES
08	ANALPV	ASPH	MIRL	YES

VG/NVG SURVEY EQUIVALENTS	
VG	ANAPC/LPV, PIR
NVG	(NO SURVEY), D, AV, BV, ANP, C, SUPLC, ADAMS