

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
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.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
ILLIW (IAF)	OJIJE (NOPT) (FB)	037.92 / 5.00	3500	LPV: DA LNAV/VNAV: DA LNAV: RW31  CLIMB TO 3500 DIRECT SAKEY AND VIA TRACK 331.60 TO ITGUW AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 217.64 INBOUND. CHART FAS OBST: 604 TREE 401029N/0764427W DISTANCE TO THLD FROM 250 HAT: 0.62 NM. WAAS CHANNEL # 78013 REFERENCE PATH ID: W31A CHART 779 TREE 400827N/0763842W											
RIYWY (IAF)	OJIJE (NOPT) (FB)	217.98 / 5.00	3500												
OJIJE (IF/IAF)	YOLSU (FB)	307.95 / 8.17	2200												
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD SE OJIJE, RT, 307.95 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>307.85</u> FAF: <u>YOLSU</u> DIST FAF TO MAP: <u>5.69</u> THLD: <u>5.69</u> 4. MIN. ALT: <u>OJIJE 3500, YOLSU 2200</u> 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>YOLSU</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>      </u>				MAG VAR: <u>11W</u> EPOCH YEAR: <u>2005</u>											
MINIMUMS															
TAKEOFF: <u>      </u>	STANDARD <input checked="" type="checkbox"/>	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>N A</u>	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
LPV DA	558	5000	250	558	5000	250	558	5000	250	558	5000	250			
LNAV/VNAV DA	921	2 1/4	613	921	2 1/4	613	921	2 1/4	613	921	2 1/4	613			
LNAV MDA	1100	5000	792	1100	6000	792	1100	2 1/4	792	1100	2 1/2	792			
CIRCLING	1100	1	790	1100	1 1/4	790	1100	2 1/4	790	1100	2 1/2	790			
NOTES: CHART NOTE: CIRCLING NA SOUTH OF RWY 13-31. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.															
CITY AND STATE		ELEVATION: 310 TDZE: 308		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HARRISBURG, PA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, AMDT 1				AMDT: ORIG					
		HARRISBURG INTL				02 JUL 2009				DATED 12/27/2001					

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## TAA

	FROM	TO	ALT
1.	218/30 CW 038/30 (NOPT)	OJJE (IF/IAF) (FB)	3500
2.	038/30 CW 128/30	ILLIW (IAF) (FB)	3500
3.	128/30 CW 218/30	RIYWY (IAF) (FB)	3500

QUALITY  
2  
CHECKED

CITY AND STATE

HARRISBURG, PA

ELEVATION: 310 TDZE: 308

AIRPORT NAME:

HARRISBURG INTL

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

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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	KMDT
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	401117.6500N
LTP/FTP LONGITUDE	0764459.3300W
LTP/FTP ELLIPSOIDAL HEIGHT	+00594
FPAP LATITUDE	401157.7500N
FPAP LONGITUDE	0764642.9600W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	136.25
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 6B6558D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00939
FPAP ORTHOMETRIC HEIGHT	+00939

CITY AND STATE HARRISBURG, PA	ELEVATION: 310 TDZE: 308 AIRPORT NAME: HARRISBURG INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 02 JUL 2009	SUP:
				AMDT: ORIG
				DATED: 12/27/2001

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[illegible]

SUP:	
AMDT:	ORIG
DATED:	12/27/2001

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SUSAP KMDTK6PR31 RW31 001 0000W31A0N4011176500W07644593300+005940300N4011577500W07646429600136250000000510F4005006B6558D0  
SUSAP KMDTK6PR31 RW31 002E +00939+00939LPV 78013

CITY AND STATE  
HARRISBURG, PA

ELEVATION: 310 TDZE: 308  
AIRPORT NAME:  
HARRISBURG INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 31, AMDT 1  
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ILLIW	ILLIW	010	IAF	IF		FB				
	ILLIW	OJIJE	020		TF		FB	1.0	037.9 (027T)	005.0	03500
	OJIJE	OJIJE	010		HF	R	FB		308.0 (297T)	004.0	03500
	RIYWY	RIYWY	010	IAF	IF		FB				
	RIYWY	OJIJE	020		TF		FB	1.0	218.0 (207T)	005.0	03500
		OJIJE	010	FACF	IF		FB				03500
		YOLSU	020	FAF	TF		FB	0.5	308.0 (297T)	008.2	02200
		RW31	030	MAP	TF		FO	0.3	307.9 (297T)	005.7	00359

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SAKEY	040		DF		FB	1.0			
	ITGUW	050		TF		FO	1.0	331.6 (321T)		03500
	ITGUW	060		HM	R	FO	2.0	217.6 (207T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ILLIW	N400033.82	W0763148.77	N4000.564	W07631.813
	ITGUW	N402209.33	W0765838.15	N4022.156	W07658.636
	OJIJE	N400501.48	W0762851.82	N4005.025	W07628.864
	RIYWY	N400929.06	W0762554.49	N4009.484	W07625.908
	SAKEY	N401236.06	W0764822.09	N4012.601	W07648.368
	YOLSU	N400843.51	W0763821.85	N4008.725	W07638.364
	RW31	N401117.65	W0764459.33	N4011.294	W07644.989

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW31	00308	51

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