

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	LPV: DA LNAV/VNAV: DA LNAV: RW25 CLIMB TO 2900 DIRECT RAPBO AND VIA 142.59 TRACK TO SHB VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 322.71 INBOUND. CHART FAS OBST: 969 TREE 395028N/0855305W 1109 AAO 395133N-0854625W DISTANCE TO THLD FROM 300 HAT: 0.78 NM. CHART VDP AT 0.96 MILES TO RW25* *LNAV ONLY. WAAS CHANNEL # 56310 REFERENCE PATH ID: W25A											
SHB VORTAC	KOYDE (FB)	040.73 / 15.13	2900												
NEWTO (IAF)	FOGBU (NOPT) (FB)	270.77 / 8.65	2700												
PENDS (IAF)	FOGBU (NOPT) (FB)	168.68 / 11.81	2700												
KOYDE (IAF)	FOGBU (NOPT) (FB)	342.19 / 5.00	2700												
FOGBU (IF/IAF)	HUDAX (FB)	252.17 / 6.01	2700												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD <u>E</u> FOGBU, RT, 252.17 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>252.09</u> FAF: <u>HUDAX</u> DIST FAF TO MAP: <u>5.53</u> THLD: <u>5.53</u> 4. MIN. ALT: <u>FOGBU 2700, HUDAX 2700</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>2700</u> GS ALT AT: <u>HUDAX</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>53.1</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW25 3100</u>				MAG VAR: <u>2W</u> EPOCH YEAR: <u>1985</u>											
MINIMUMS															
TAKEOFF:	STANDARD	<input checked="" type="checkbox"/>	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	<input checked="" type="checkbox"/>										
CATEGORY =====>	A		B		C										
	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	1161	3/4	300	1161	3/4	300	1161	3/4	300	1161	3/4	300			
LNAV/VNAV DA	1260	1	399	1260	1	399	1260	1	399	1260	1	399			
LNAV MDA	1220	3/4	359	1220	3/4	359	1220	3/4	359	1220	1	359			
CIRCLING	1340	1	478	1340	1	478	1340	1 1/2	478	1420	2	558			
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT A/B/C VISIBILITY TO 1 MILE AND CAT D TO 1 1/4 MILE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16 C (4F) OR ABOVE 47C (116F). SEE 8260-10															
CITY AND STATE		ELEVATION: 862 TDZE: 861		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
INDIANAPOLIS, IN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 25, ORIG				AMDT: NONE					
		MOUNT COMFORT				20 NOV 2008				DATED					

 QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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NOTES CONT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDIANAPOLIS INTL ALTIMETER SETTING AND INCREASE ALL DA 55 FEET AND ALL MDA 60 FEET, AND INCREASE ALL VISIBILITIES 1/2 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHB VORTAC ON AIRWAY RADIALS 028 CW 080, AND AT NEWTO VIA V50 EASTBOUND.

CHART NOTE: WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY.

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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	KMQJ
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	395031.9800N
LTP/FTP LONGITUDE	0855327.9500W
LTP/FTP ELLIPSOIDAL HEIGHT	+02275
FPAP LATITUDE	395012.0500N
FPAP LONGITUDE	0855439.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00053.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0120
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	354C03A3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02615
FPAP ORTHOMETRIC HEIGHT	+02615

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMQJK5FR25	AFOGBU	010FOGBUK5EA0EE	CR	HF		25220040	+	02700	18000		A	JS
SUSAP	KMQJK5FR25	ANEWTO	010NEWTOK5EA0E	A	IF					18000		A	JS
SUSAP	KMQJK5FR25	ANEWTO	020FOGBUK5EA0EE		010TF		27080087	+	02700			A	JS
SUSAP	KMQJK5FR25	APENDS	010PENDSK5EA0E	A	IF					18000		A	JS
SUSAP	KMQJK5FR25	APENDS	020FOGBUK5EA0EE		010TF		16870118	+	02700			A	JS
SUSAP	KMQJK5FR25	ASHB	010SHB K5D 0V		IF					18000		A	JS
SUSAP	KMQJK5FR25	ASHB	020KOYDEK5EA0E	A	020TF		04070151	+	02900			A	JS
SUSAP	KMQJK5FR25	ASHB	030FOGBUK5EA0EE		010TF		34220050	+	02700			A	JS
SUSAP	KMQJK5FR25	R	010FOGBUK5EA0E	I	IF			+	02700	18000		A	JS
SUSAP	KMQJK5FR25	R	020HUDAXK5EA1E	F	051TF		25220060	+	02700		RW25	K5PGA	JS
SUSAP	KMQJK5FR25	R	020HUDAXK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KMQJK5FR25	R	030RW25 K5PG0GY	M	031TF		25010055		00911		-300	A	JS
SUSAP	KMQJK5FR25	R	040RAPBOK5EA0E	M	DF							A	JS
SUSAP	KMQJK5FR25	R	050SHB K5D 0VY		TF		1426	+	02900			A	JS
SUSAP	KMQJK5FR25	R	060SHB K5D 0VE	HR020HM			32270040	+	02900			A	JS

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	1	2	3	4	5	6	7	8	9	0	1	2	3	
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													

SUSAP	KMQJK5GRW25	0055002520	N39503198W085532795+0100	+0227500858000053100R										

PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													

SUSAP	KMQJK5PR25	RW25 001	0000W25A0N3950319800W08553279500+022750300N3950120500W08554390400106500120000531F400500354C03A3											
SUSAP	KMQJK5PR25	RW25 002E	+02615+02615LPV	56310	000									

MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													

SUSAP	KMQJK5SRW25	K5PG	0	18018003125										M

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FOGBU	FOGBU	010		HF	R	FB		252.2 (250T)	004.0	02700
	NEWTO	NEWTO	010	IAF	IF		FB				
	NEWTO	FOGBU	020		TF		FB	1.0	270.8 (269T)	008.7	02700
	PENDS	PENDS	010	IAF	IF		FB				
	PENDS	FOGBU	020		TF		FB	1.0	168.7 (167T)	011.8	02700
	SHB	SHB	010		IF		FB				
	SHB	KOYDE	020	IAF	TF		FB	2.0	040.7 (039T)	015.1	02900
	SHB	FOGBU	030		TF		FB	1.0	342.2 (340T)	005.0	02700
		FOGBU	010	FACF	IF		FB				02700
		HUDAX	020	FAF	TF		FB	0.5	252.2 (250T)	006.0	02700
		RW25	030	MAP	TF		FO	0.3	250.1 (248T)	005.5	00911

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RAPBO	040		DF		FB				
	SHB	050		TF		FO		142.6 (141T)		02900
	SHB	060		HM	R	FO	2.0	322.7 (321T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SHB	N393757.15	W0854927.54	N3937.953	W08549.459
	FOGBU	N395427.90	W0853922.32	N3954.465	W08539.372
	HUDAX	N395225.29	W0854642.77	N3952.422	W08546.713
	KOYDE	N394945.44	W0853710.22	N3949.757	W08537.170
	NEWTO	N395439.55	W0852808.36	N3954.659	W08528.139
	PENDS	N400557.83	W0854254.47	N4005.964	W08542.908
	RAPBO	N394830.65	W0860040.08	N3948.511	W08600.668
	RW25	N395031.98	W0855327.95	N3950.533	W08553.466

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW25	00858 53

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