

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	
NOGIC	WAKEE (FB)	338.14 / 19.96	4200	LPV: DA LNAV/VNAV: DA LNAV: RW18
WAKEE (IAF)	LOYSI (NOPT) (FB)	250.63 / 8.81	3000	
PECON (IAF)	LOYSI (NOPT) (FB)	112.39 / 7.49	3000	CLIMB TO 3400 DIRECT KOJAK AND HOLD.
LOYSI (IF/IAF)	TETCO (FB)	182.84 / 6.09	2500	
TETCO (FAF)	ALORE/2.10 NM TO RW18 (FB)	182.84 / 2.22		ADDITIONAL FLIGHT DATA: HOLD S, RT, 902.84 INBOUND. CHART FAS OBST: 1239 TREE 352418N/0861506W DISTANCE TO THLD FROM 354 HATH: 0.97 NM. WAAS CHANNEL # 63023 REFERENCE PATH ID: W18A LTP HAE: 300.4 M
ALORE/2.10 NM TO RW18 (SEE FORM 8260-10)	RW18 (MAP) (FO)	182.84 / 2.10		

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD N LOYSI, LT, 182.84 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 182.84 FAF: TETCO DIST FAF TO MAP: 4.32 THLD: 4.32
4. MIN. ALT: LOYSI 3000, TETCO 2500, ALORE/2.10 NM TO RW18 1780\*
5. DIST TO THLD FROM OM:        MM:        IM: 150 HAT: 100 HAT:        GS ANT:
6. MIN GS INCPT: 2500 GS ALT AT: TETCO 2500 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW18 3400

MAG VAR: 3W

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X						
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	1433	1	354	1433	1	354	1433	1	354	1433	1	354			
LNAV/VNAV DA	1551	1 1/2	472	1551	1 1/2	472	1551	1 1/2	472	1551	1 1/2	472			
LNAV MDA	1500	1	421	1500	1	421	1500	1 1/8	421	1500	1 1/8	421			
CIRCLING	1540	1	456	1540	1	456	1540	1 1/2	456	1640	2	556			

NOTES:  
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 24 AND 36 NA AT NIGHT.  
CHART NOTE: BARO-VNAV NA WHEN USING NASHVILLE INTL ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 37C (98F).  
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT.  
(SEE FORM 8260-10)

QUALITY  
2  
CHECKED

CITY AND STATE TULLAHOMA, TN	ELEVATION: 1084 THRE: 1079 AIRPORT NAME: TULLAHOMA RGNL ARPT/WM NORTHERN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 25 AUG 2011	SUP:
				AMDT: ORIG-A
				DATED 03/12/2009

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW18 (MAP)	1433 MSL	182.84	
1433 MSL	KOJAK (FO)		3400

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NOGIC ON V67 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAKEE ON V16 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PECON ON V321 SOUTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL DA 182 FEET AND MDA 200 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 3/4 MILE, INCREASE LNAV CAT C AND D VISIBILITY 5/8 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE AND INCREASE CIRCLING CAT D VISIBILITY 1/2 MILE.

CHART NOTE: FOR INOPERATIVE ODALS, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 MILE AND INCREASE LNAV CAT C AND D VISIBILITY TO 1 1/4.

CHART NOTE: FOR INOPERATIVE ODALS WHEN USING NASHVILLE INTL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 7/8.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV AND LNAV ALL CATS WHEN USING NASHVILLE INTL ALTIMETER SETTING.

\*LNAV ONLY

QUALITY  
1  
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CITY AND STATE  
TULLAHOMA, TN

ELEVATION: 1084 THRE: 1079  
AIRPORT NAME:  
TULLAHOMA RGNL ARPT/WM NORTHERN  
FIELD

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 18, AMDT 1  
25 AUG 2011

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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTHA
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	352317.1235N
LTP/FTP LONGITUDE	0861436.8435W
LTP/FTP ELLIPSOIDAL HEIGHT	+03004
FPAP LATITUDE	352147.8800N
FPAP LONGITUDE	0861436.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

FC01960F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03288
FPAP ORTHOMETRIC HEIGHT	+03288

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SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KTHAK7FR18	ALOYSI	010	LOYSIK7EA0EE	AL	HF		18280040	+	03000	18000		A	JS
SUSAP KTHAK7FR18	ANOGIC	010	NOGICK7EA0E		IF					18000		A	JS
SUSAP KTHAK7FR18	ANOGIC	020	WAKEEK7EA0E	A	020TF		33810200	+	04200			A	JS
SUSAP KTHAK7FR18	ANOGIC	030	LOYSIK7EA0EE	B	010TF		25060088	+	03000			A	JS
SUSAP KTHAK7FR18	APECON	010	PECONK7EA0E	A	IF					18000		A	JS
SUSAP KTHAK7FR18	APECON	020	LOYSIK7EA0EE	B	010TF		11240075	+	03000			A	JS
SUSAP KTHAK7FR18	AWAKEE	010	WAKEEK7EA0E	A	IF					18000		A	JS
SUSAP KTHAK7FR18	AWAKEE	020	LOYSIK7EA0EE	B	010TF		25060088	+	03000			A	JS
SUSAP KTHAK7FR18	R	010	LOYSIK7EA0E	I	IF					18000		A	JS
SUSAP KTHAK7FR18	R	020	TETCOK7EA1E	F	051TF		18280061	+	02500		RW18	K7PGA	JS
SUSAP KTHAK7FR18	R	020	TETCOK7EA2WALPV			ALNAV/VNAV							JS
SUSAP KTHAK7FR18	R	021	ALOREK7EA0E	S	031TF		18280022	V	0178001792	-300		A	JS
SUSAP KTHAK7FR18	R	030	RW18 K7PGOGY	M	031TF		18280021		01124	-300		A	JS
SUSAP KTHAK7FR18	R	040		O	M	CA	1828	+	01433			A	JS
SUSAP KTHAK7FR18	R	050	KOJAKK7EA0EY		DF				03400			A	JS
SUSAP KTHAK7FR18	R	060	KOJAKK7EA0EE	R	HM		00280040	+	03400			A	JS

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KTHAK7GRW18	0050021828	N35231712W	086143684+0100	+0300401079000045100R									
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KTHAK7PRI8	RW18 001 0000W18A0N3523171235W08614368435+030040300N3521478800W08614365400106751224000450F400500FC01960F												
SUSAP KTHAK7PRI8	RW18 002E +03288+03288LPV 63023												
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KTHAK7SRW18 K7PG	0 18018003425											M	

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