

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: I-OXH 1.59 DME FIX
GOODL/I-OXH LOC/DME 15.56 DME (IF/IAF)	RKYTP/I-OXH LOC/DME 7.19 DME/RADAR	230.81 / 8.36 (I-OXH)	2800	CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 240 AND VXV VORTAC R-231 TO GROSS INT/VXV 29.13 DME AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 050.88 INBOUND. CHART FAS OBST: 1059 TREES 355047N/0835719W CHART 1429 TOWER 355241N/0835311W. CHART VDP AT 2.55 DME* DISTANCE VDP TO THLD 0.96 MILES. *LOC ONLY. CHART CIRCLING ICON. CHART: ASR. CHART IN PLANVIEW ONLY: VXV 7.21 DME AT GOODL.

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE GOODL, LT, 233.00 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 230.81 FAF: RKYTP/I-OXH LOC/DME 7.19 DME/RADAR DIST FAF TO MAP: THLD: 5.61
4. MIN. ALT: GOODL 3500, RKYTP 2800, XEKEF/I-OXH LOC/DME 4.09 DME 1800*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 920
6. MIN GS INCPT: 2800 GS ALT AT: RKYTP 2800 OM: - MM: - IM:
7. GS ANGLE: 3.00 TCH: 51.6
8. MSA FROM: VXV VORTAC 090-200 7900, 200-090 5100

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A	ILS: STANDARD #	LOC: 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	
S-ILS 23L	1165	4000	200	1165	4000	200	1165	4000	200	1165	4000	200				
S-LOC 23L	1320	5500	355	1320	5500	355	1320	5500	355	1320	5500	355				
CIRCLING	1500	1	519	1620	1	639	1660	2	679	1900	3	919				

NOTES:
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT GOODL ON V466-519 SOUTHWEST BOUND. # CAT B 700-2, CAT C 700-2, CAT D 1000-3
 CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. @ CAT D 1000-3
 * LOC ONLY
 CHART NOTE: DME REQUIRED.
 CHART PROFILE NOTE: DISREGARD ALL MARKER BEACON INDICATIONS.

CITY AND STATE KNOXVILLE, TN	ELEVATION: 981 TDZE: 965	FACILITY IDENTIFIER: I-OXH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 23L, ORIG 25 JUNE 2015	SUP:
	AIRPORT NAME: MC GHEE TYSON			AMDT:
				DATED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	GOODL	GOODL	010	IAF	HF	L	FO		233.0()	T01.0	AA 03500	
		GOODL	010	FACF	IF		FB				AA 03500	GI 02800
		RKYTP	020	FAF	CF		FB		231.0()	008.4	GI 02800	GS 02800
		RW23L	030	MAP	CF		FO		231.0()	005.6	AT 01014	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		230.8()		AA 02000	
		050		VI		FB		240.0()			
	GROSS	060		CF		FO		230.9()	011.0	AA 04000	
	GROSS	070		HM	R	FO		050.9()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	VXV	N355417.42	W0835341.02	N3554.290	W08353.684
	IOXH (DME)	N354753.37	W0840023.66	N3547.890	W08400.394
	GOODL	N355855.54	W0834652.95	N3558.926	W08346.883
	GROSS	N353440.44	W0842010.42	N3534.674	W08420.174
	RKYTP	N355259.61	W0835408.94	N3552.994	W08354.149
	RW23L	N354900.59	W0835900.83	N3549.010	W08359.014
	IOXH (LOC)	N354753.10	W0840023.14	N3547.885	W08400.386

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23L	00962	52



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	AIRPORT NAME: MC GHEE TYSON		I-OXH	ILS OR LOC RWY 23L, ORIG 25 JUNE 2015	AMDT: NONE
					DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	GOODL	GOODL	010	IAF	HF	L	FO		233.0()	T01.0	AA 03500	
		GOODL	010	FACF	IF		FB				AA 03500	
		RKYTP	020	FAF	CF		FB		231.0()	008.4	AA 02800	
		XEKEF	021	SDF	CF		FB		231.0()	003.1	AA 01800	
		RW23L	030	MAP	CF		FO		231.0()	002.5	AT 01014	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		230.8()		AA 02000	
		050		VI		FB		240.0()			
	GROSS	060		CF		FO		230.9()	011.0	AA 04000	
	GROSS	070		HM	R	FO		050.9()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
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	IOXH (DME)	N354753.37	W0840023.66	N3547.890	W08400.394
	GOODL	N355855.54	W0834652.95	N3558.926	W08346.883
	GROSS	N353440.44	W0842010.42	N3534.674	W08420.174
	RKYTP	N355259.61	W0835408.94	N3552.994	W08354.149
	XEKEF	N355047.15	W0835650.80	N3550.786	W08356.847
	RW23L	N354900.59	W0835900.83	N3549.010	W08359.014
	IOXH (LOC)	N354753.10	W0840023.14	N3547.885	W08400.386

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