KNOXVILLE, TENNESSEE

HI-ILS or LOC RWY 23L

LOC/DME I-OXH	APCH CRS	Rwy ldg	8600
110.75	231°	TDZE	965
Chan 44(Y)		Arpt Elev	986

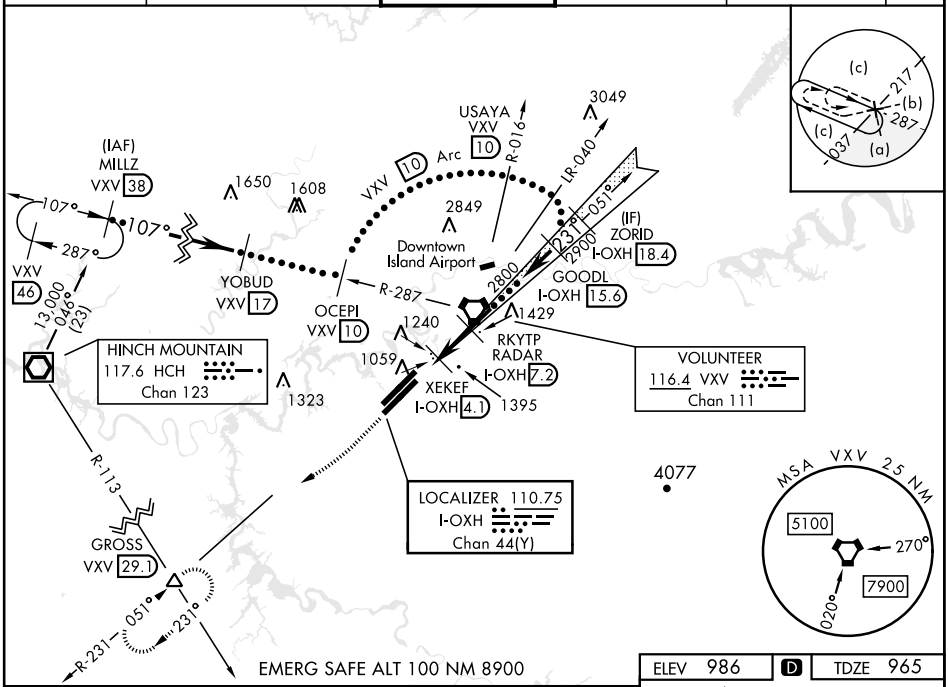
AL-218 [USAF]

MC GHEE TYSON (KTYS)

DME or RADAR required.

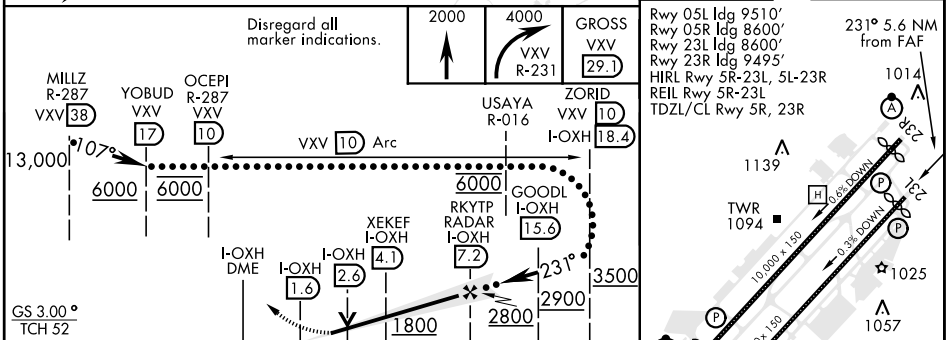
MISSED APPROACH: Climb to 2000, then climbing right turn to 4000 on heading 240° VXV R-231 direct GROSS Int/29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL	ASR
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65	



ELEV 986	D	TDZE 965

Rwy 05L ldg 9510′
Rwy 05R ldg 8600′
Rwy 23L ldg 8600′
Rwy 23R ldg 9495′
HIRL Rwy 5R-23L, 5L-23R
REIL Rwy 5R-23L
TDZL/CL Rwy 5R, 23R



CATEGORY	C	D	E
S-ILS 23L	1165-40 200 (200-¾)		
S-LOC 23L	1320-55 355 (400-1¼)		
C CIRCLING	1660-2 679 (700-2)	1900-3 919 (1000-3)	

KNOXVILLE, TENNESSEE

35°49′N-84°00′W

MC GHEE TYSON (KTYS)

Orig-A 21JUL16

HI-ILS or LOC RWY 23L

SE-1, 22 FEB 2024 to 21 MAR 2024

KNOXVILLE, TENNESSEE

HI-ILS or LOC RWY 23R

LOC I-BUI	APCH CRS	Rwy ldg / TDZE / Arpt Elev
111.7	231°	9495 / 984 / 986

AL-218 [USAF] MC GHEE TYSON (KTYS)

DME required.

T *When ALS inop, increase CAT E RVR to 40, vis to ¾ mile.
**When ALS inop, increase vis to 1⅝ miles.

ALSF-2

MISSED APPROACH: Climb to 2000 then climbing right turn to 4000 on heading 240° and VXV VORTAC R-231 to GROSS/VXV 29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL	ASR
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65	

RVR 1800 authorized with use of FD or AP or HUD to DA (NA when using altimeter setting).

CAUTION: RIZEN OM for Downtown Island for Rwy 26 may be recieved prior to BUZBY OM.

(IAF) MILLZ VXV 38 13,000

HOLD 13,000 107° 287° VXV 46

13,000 046° (23)

6000 107° (21)

1650 1608

6000 (7)

YOBUD VXV 17

OCEPI VXV 10 6000

1323

6000 VXV 10 Arc

USAYA VXV 10 6000

R-016 5000 LR-038 051° 3049

2849 Downtown Island Airport

(10) 3000 231°

(IF) TABUC VXV 10

RIZEN OM

R-287 2400 1240

HIGAR R-138

1395

MM OM BUZBY VXV 2.5 RADAR

4077

Procedure NA for arrival on HCH VOR/DME airway radials 351 CW 102.

HINCH MOUNTAIN 117.6 HCH Chan 123

VOLUNTEER 116.4 VXV Chan 111

LOCALIZER 111.7 I-BUI

R-113 GROSS VXV 29.1

R-231 051° 231°

MSA VXV 25 NM 5100 270° 7900 020°

EMERG SAFE ALT 100 NM 8900

2000	4000	GROSS VXV 29.1
	hdg 240°	

6.6 MM 5 OM BUZBY RADAR 2.5 HIGAR R-138 231° 2400 3000 TABUC 10 5000

GS 3.00° TCH 53

0.3 3.8 NM

CATEGORY	C	D	E
S-ILS 23R *	1184/1800	200	(200-½)
S-LOC 23R**	1560-1¼	576	(600-1¼)
CIRCLING	1660-2 674 (700-2)	1900-3 914 (1000-3)	

ELEV 986 D TDZE 984

Rwy 05L ldg 9510'
Rwy 05R ldg 8600'
Rwy 23L ldg 8600'
Rwy 23R ldg 9495'
HIRL Rwy 5R-23L, 5L-23R
REIL Rwy 5R-23L
TDZL/CL Rwy 5R, 23R

231° 4.2 NM from FAF

1014 1139 TWR 1094 1025 1057 1068

10,000 x 150 0.6% DOWN 0.3% DOWN 9000 x 150 5L 5R 23R 23L

KNOXVILLE, TENNESSEE 35°49'N-84°00'W MC GHEE TYSON (KTYS)

Amdt 6A 04NOV21

HI-ILS or LOC RWY 23R

SE-1, 22 FEB 2024 to 21 MAR 2024

KNOXVILLE, TENNESSEE

HI-ILS or LOC RWY 5L

LOC I-TYS	APCH CRS	Rwy ldg	9510
110.3	051°	TDZE	953
		Arpt Elev	986

AL-218 [USAF]

MC GHEE TYSON (KTYS)

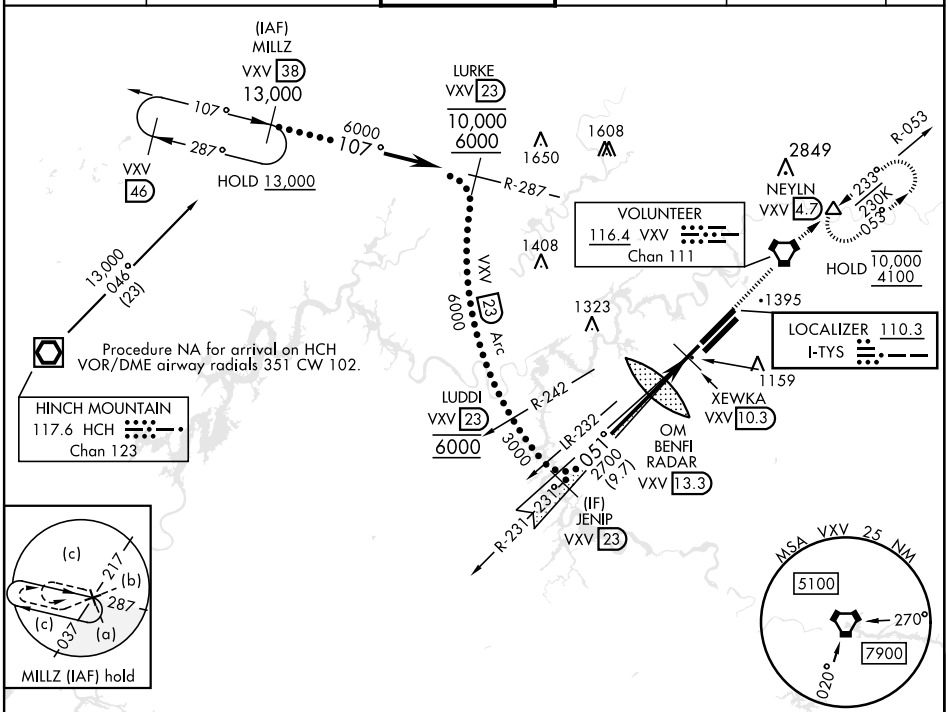
DME required.

*When ALS inop, increase CAT E vis to ¾ mile.
**When ALS inop, increase CAT E vis to 1⅝ miles.

MALSR A5

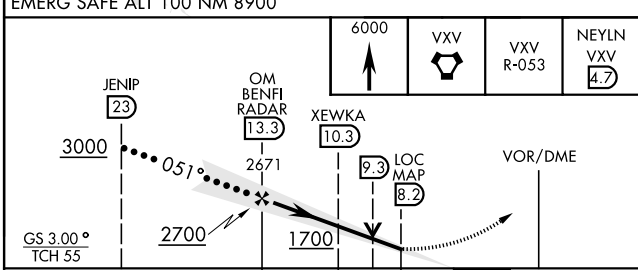
MISSED APPROACH: Climb to 6000 direct to VXV VORTAC and on VXV R-053 to NEYLN/VXV 4.7 DME and hold, continue climb-in-hold to 6000.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL	ASR
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65	



EMERG SAFE ALT 100 NM 8900

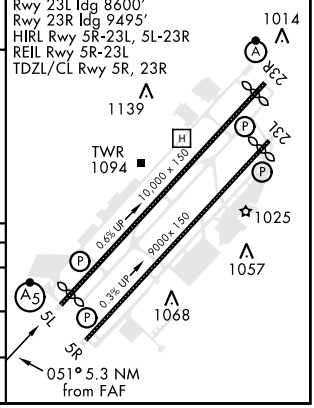
6000	VXV	VXV R-053	NEYLN VXV 4.7



CATEGORY	C	D	E
S-ILS 5L *	1153-½ 200 (200-½)		
S-LOC 5L **	1500-1⅛ 547 (600-1⅛)		
CIRCLING	1660-2 674 (700-2)	1900-3 914 (1000-3)	

ELEV 986 D TDZE 953

Rwy 05L ldg 9510′
Rwy 05R ldg 8600′
Rwy 23L ldg 8600′
Rwy 23R ldg 9495′
HIRL Rwy 5R-23L, 5L-23R
REIL Rwy 5R-23L
TDZL/CL Rwy 5R, 23R



KNOXVILLE, TENNESSEE 35°49′N-84°00′W MC GHEE TYSON (KTYS)

Amdt 6 12AUG21

HI-ILS or LOC RWY 5L

SE-1, 22 FEB 2024 to 21 MAR 2024

KNOXVILLE, TENNESSEE

HI-VOR or TACAN RWY 23R

VORTAC VXV 116.4 Chan 111	APCH CRS 224°	Rwy ldg 9495 TDZE 984 Arpt Elev 986

AL-218 [USAF] MC GHEE TYSON (KTYS)

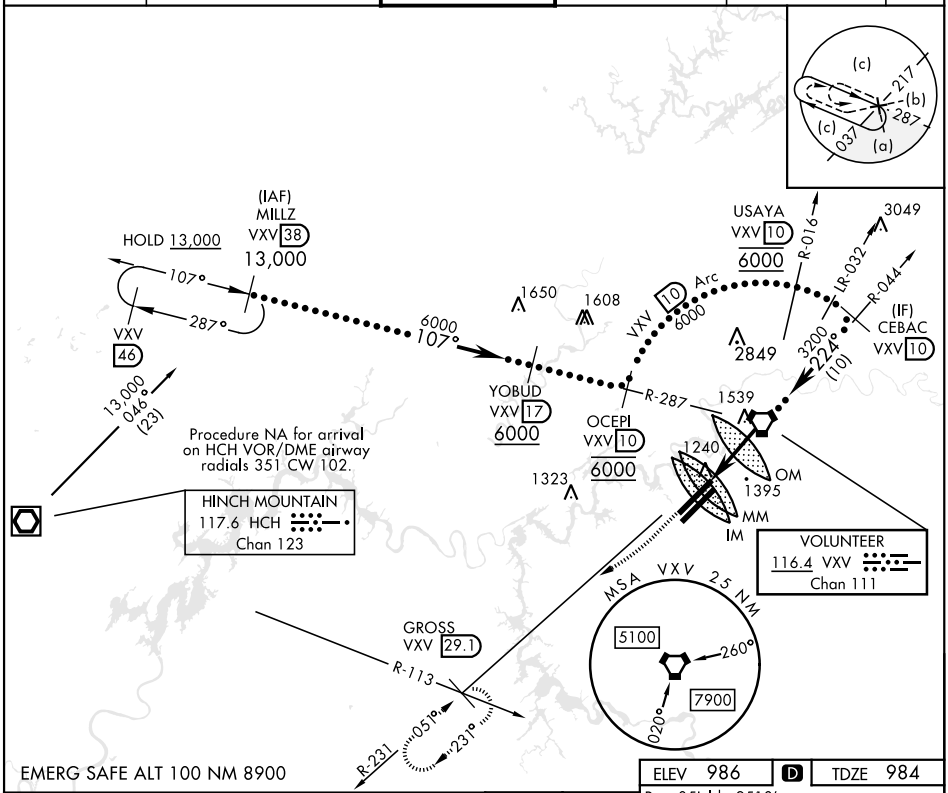
DME required.

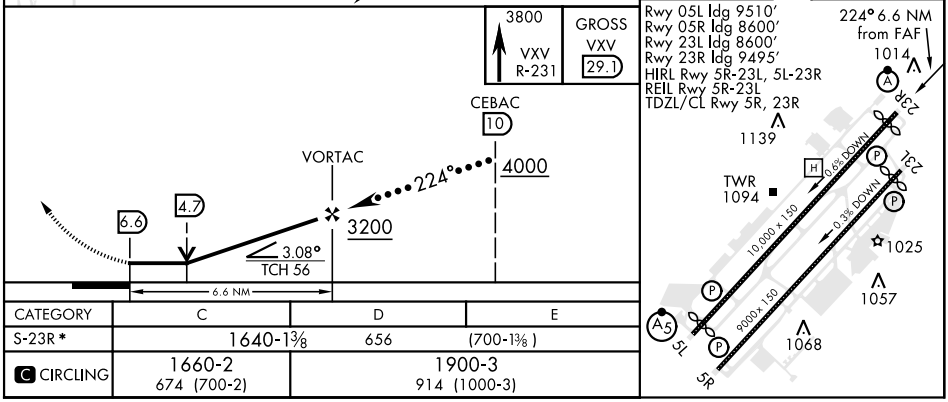
* When ALS inop, increase vis to 1⅞ miles.

ALSF-2

MISSED APPROACH: Climb to 3800 direct on VXV VORTAC R-231 to GROSS/29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL	ASR
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65	





CATEGORY	C	D	E
S-23R *	1640-1⅜ 656 (700-1⅜)		
C CIRCLING	1660-2 674 (700-2)	1900-3 914 (1000-3)	

SE-1, 22 FEB 2024 to 21 MAR 2024

KNOXVILLE, TENNESSEE

HI-VOR or TACAN RWY 5L

VORTAC VXV 116.4 Chan 111	APCH CRS 045°	Rwy ldg 9510 TDZE 953 Arpt Elev 986

AL-218 [USAF] MC GHEE TYSON (KTYS)

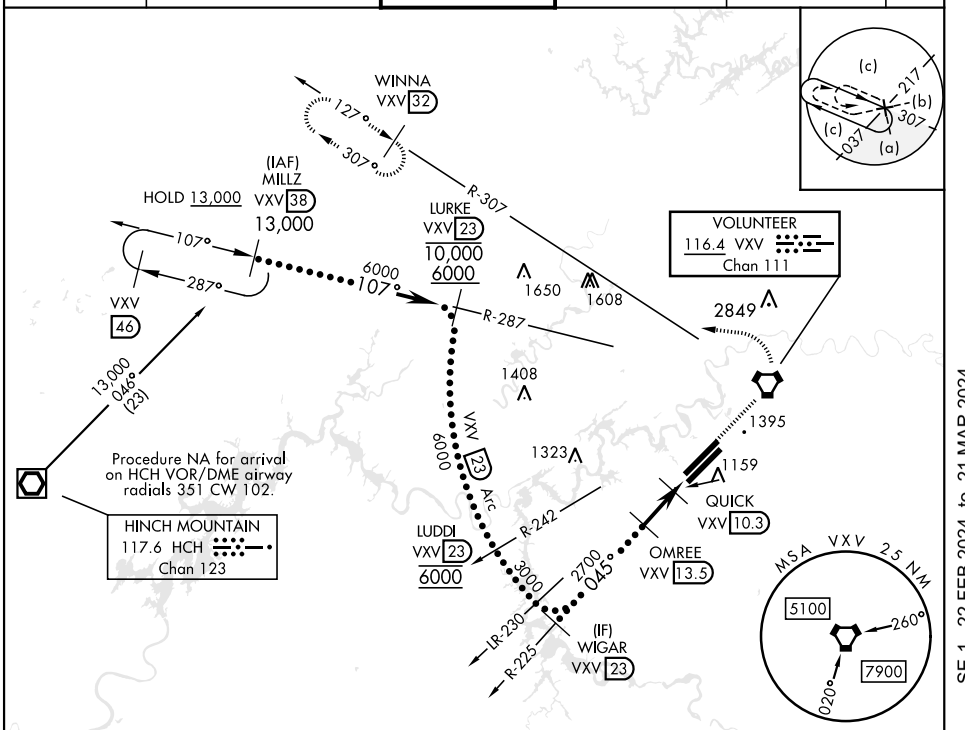
DME required.

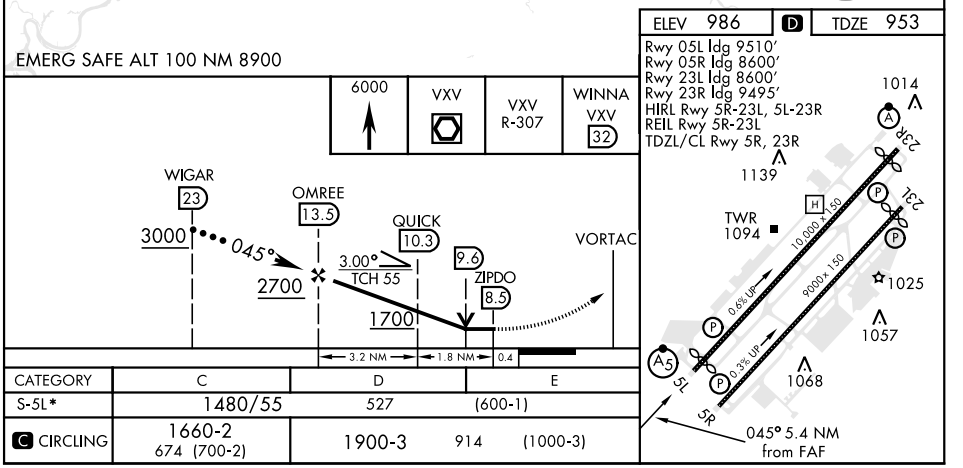
*When ALS inop, increase vis to 1½ miles.

MALSR A5

MISSED APPROACH: Climb to 6000 direct to VXV VORTAC, then on VXV R-307 to WINNA/VXV 32 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL	ASR
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65	





CATEGORY	C	D	E
S-5L*	1480/55	527	(600-1)
C CIRCLING	1660-2 674 (700-2)	1900-3 914	(1000-3)

KNOXVILLE, TENNESSEE 35°49'N-84°00'W MC GHEE TYSON (KTYS)

Amdt 4 12AUG21

HI-VOR or TACAN RWY 5L

SE-1, 22 FEB 2024 to 21 MAR 2024

ILS RWY 23R (CAT II)
MC GHEE TYSON (TYS)

LOC I-BUI	APP CRS	Rwy ldg	9495
111.7	231°	TDZE	984
		Apt Elev	986

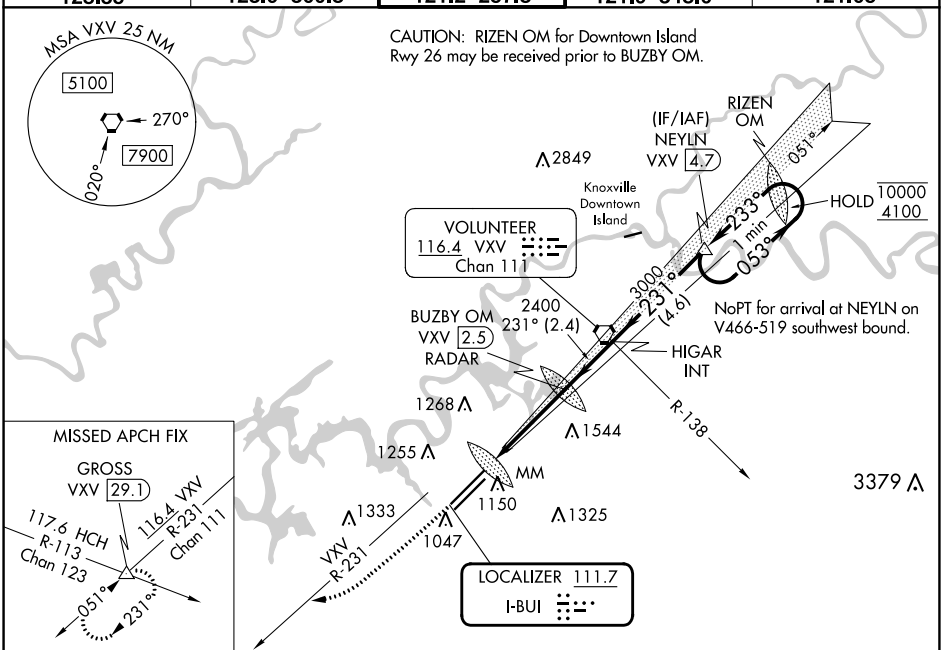
DME or RADAR required.

ASR

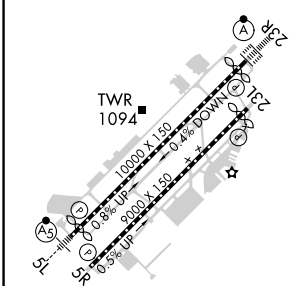
ALSF-2

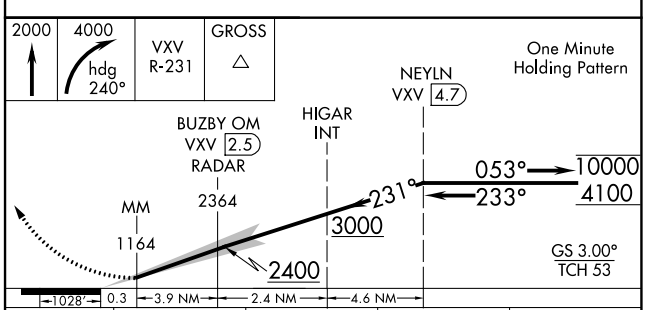
MISSED APPROACH: Climb to 2000 then climbing right turn to 4000 on heading 240° and VXV VORTAC R-231 to GROSS INT/VXV 29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



ELEV 986 D TDZE 984





CATEGORY	A	B	C	D
S-ILS 23R	RA 103/12 100 DA 1084			

HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SE-1, 22 FEB 2024 to 21 MAR 2024

SE-1, 22 FEB 2024 to 21 MAR 2024

LOC I-BUI	APP CRS	Rwy ldg	9495
111.7	231°	TDZE	984
		Apt Elev	986

ILS RWY 23R (SA CAT I)
MC GHEE TYSON (TYS)

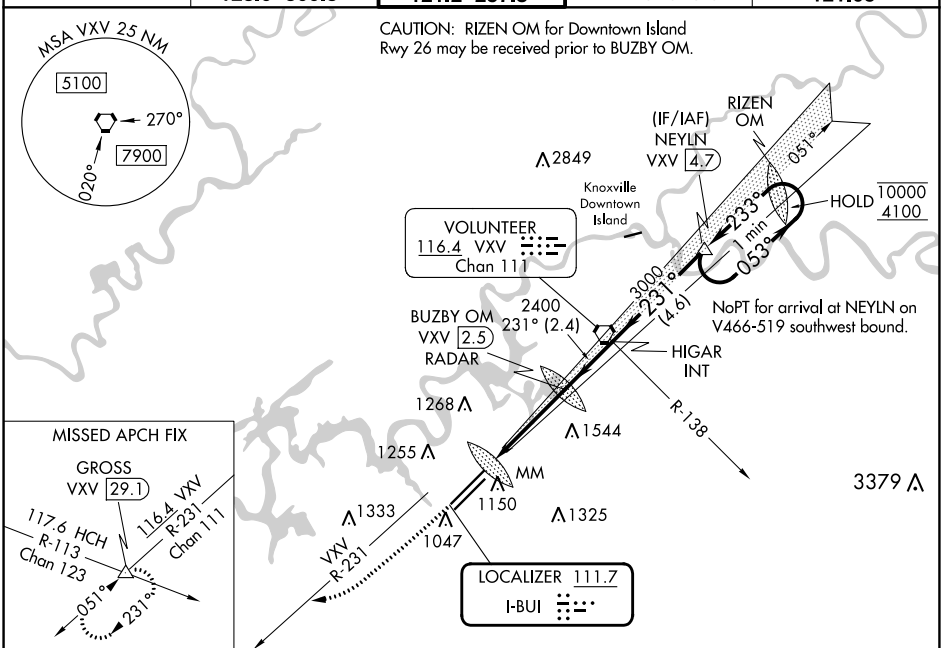
DME or RADAR required.

ASR Requires specific OPSEC, MSPEC, or LOA approval.

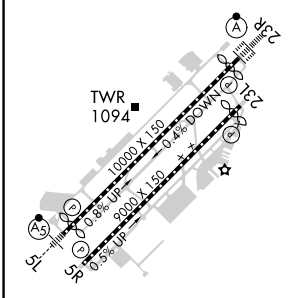
ALSF-2

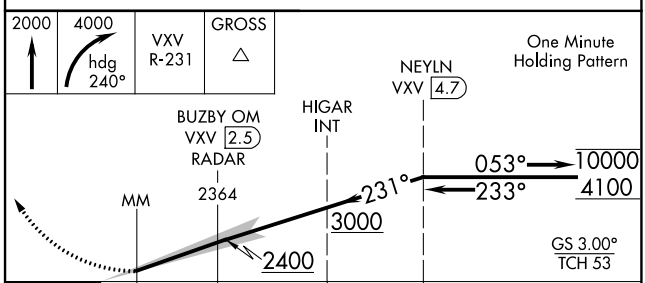
MISSED APPROACH: Climb to 2000 then climbing right turn to 4000 on heading 240° and VXV VORTAC R-231 to GROSS INT/VXV 29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



ELEV 986 D TDZE 984





CATEGORY	A	B	C	D
S-ILS 23R	RA 150/14 150 DA 1134			

HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

SA CATEGORY I ILS- SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SE-1, 22 FEB 2024 to 21 MAR 2024

ILS or LOC RWY 23L
MC GHEE TYSON (TYS)

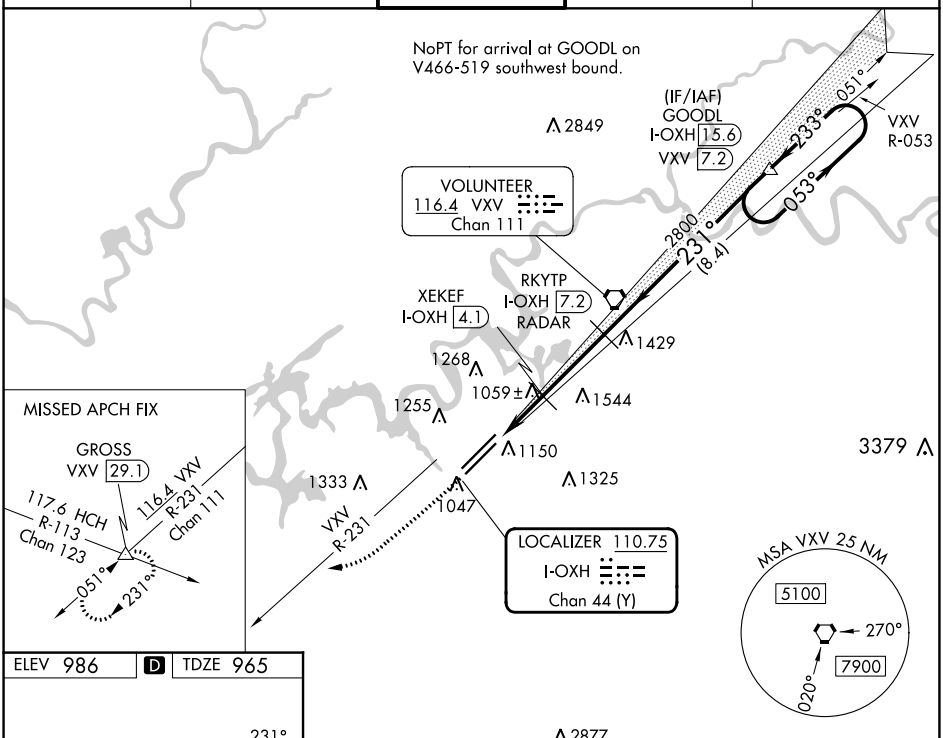
LOC/DME I-OXH	APP CRS	Rwy ldg	8600
110.75	231°	TDZE	965
Chan 44 (Y)		Apt Elev	986

DME or RADAR required.

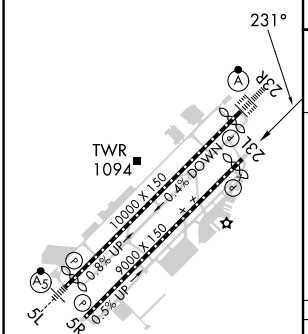
T A ASR

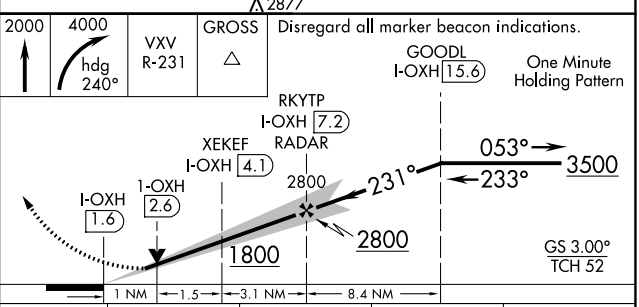
MISSED APPROACH: Climb to 2000 then climbing right turn to 4000 on heading 240° and VXV VORTAC R-231 to GROSS INT/VXV 29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



ELEV 986 D TDZE 965





CATEGORY	A	B	C	D
S-ILS 23L	1165/40 200 (200-¾)			
S-LOC 23L	1320/55 355 (400-1)			
C CIRCLING	1500-1 514 (600-1)	1620-1 634 (700-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

SE-1, 22 FEB 2024 to 21 MAR 2024

LOC I-BUI	APP CRS	Rwy ldg	9495
111.7	231°	TDZE	984
		Apt Elev	986

ILS or LOC RWY 23R
MC GHEE TYSON (TYS)

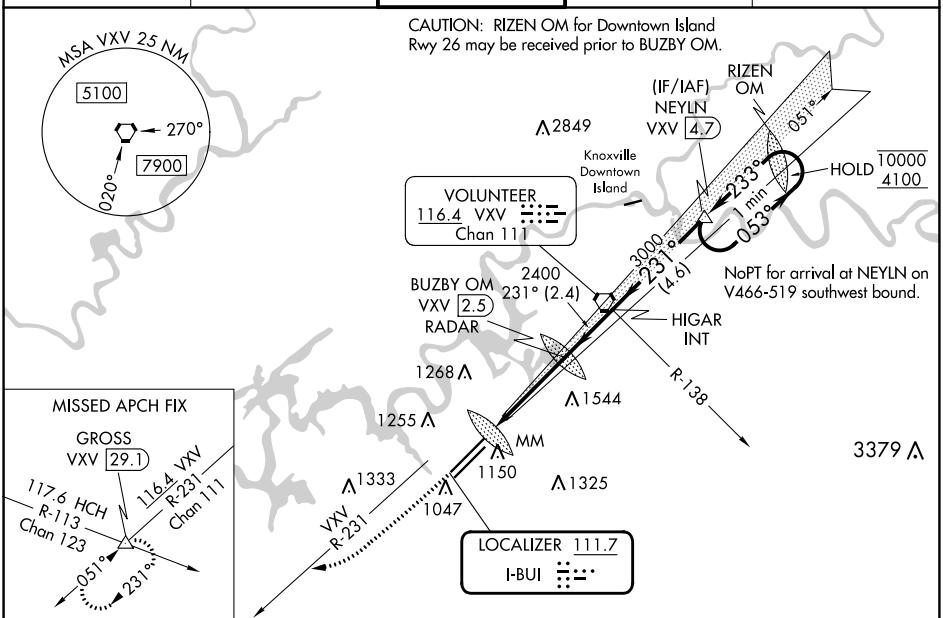
DME or RADAR required.

ASR: For inop ALS, increase S-ILS 23R Cat E visibility to RVR 4000; increase S-LOC 23R Cat C/D/E visibility to 1⅝ SM.

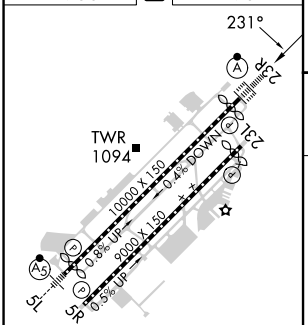
ALSF-2

MISSED APPROACH: Climb to 2000 then climbing right turn to 4000 on heading 240° and VXV VORTAC R-231 to GROSS INT/VXV 29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65

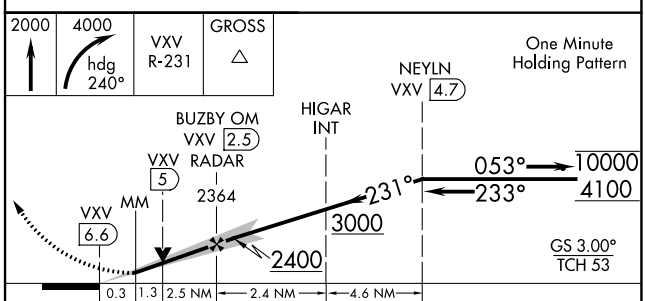


ELEV 986 D TDZE 984



HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D	E
S-ILS 23R	1184/18 200 (200-½)				
S-LOC 23R	1560/24 576 (600-½)		1560-1¼ 576 (600-1¼)		
CIRCLING	1560-1 574 (600-1)		1660-2 674 (700-2)	1900-3 914 (1000-3)	

SE-1, 22 FEB 2024 to 21 MAR 2024
SE-1, 22 FEB 2024 to 21 MAR 2024

ILS or LOC RWY 5L
MC GHEE TYSON (TYS)

LOC I-TYS	APP CRS	Rwy ldg / TDZE / Apt Elev
110.3	051°	9508 / 953 / 986

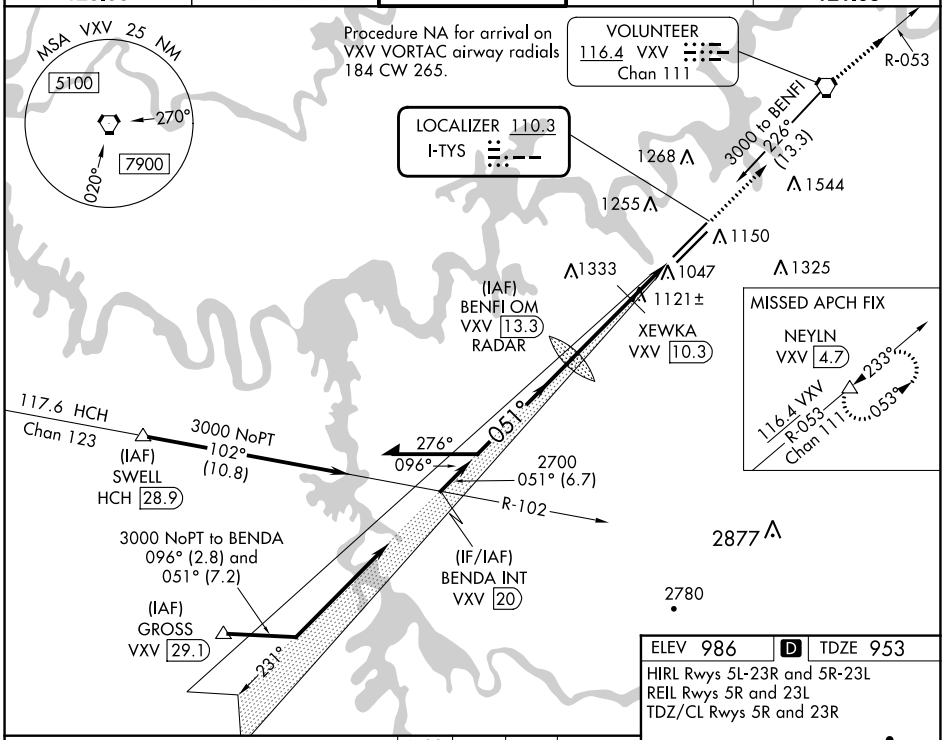
DME or RADAR required.

ASR

MALSR

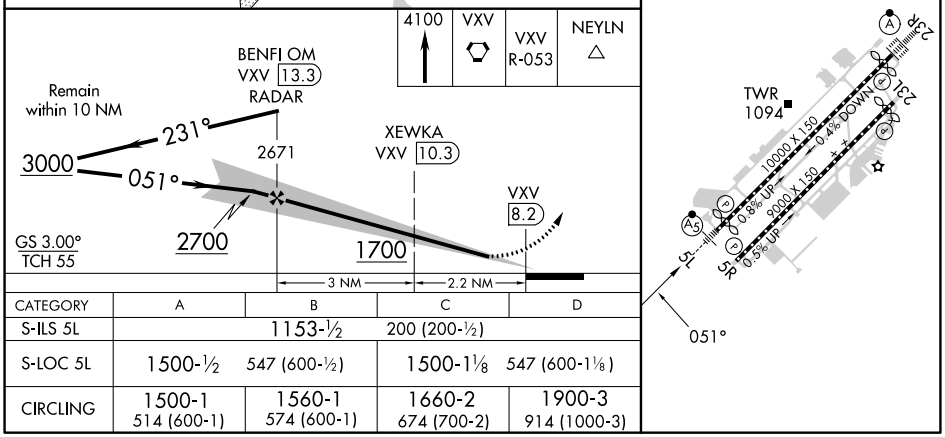
MISSED APPROACH: Climb to 4100 direct VXV VORTAC and on VXV VORTAC R-053 to NEYLN/VXV 4.7 DME and hold, continue climb-in-hold to 4100.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



ELEV 986 | D | TDZE 953

HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R



CATEGORY	A	B	C	D
S-ILS 5L	1153-½		200 (200-½)	
S-LOC 5L	1500-½	547 (600-½)	1500-1⅛	547 (600-1⅛)
CIRCLING	1500-1 514 (600-1)	1560-1 574 (600-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

SE-1, 22 FEB 2024 to 21 MAR 2024
SE-1, 22 FEB 2024 to 21 MAR 2024

RNAV (GPS) RWY 23L
MC GHEE TYSON (TYS)

WAAS CH 90210 W23B	APP CRS 231°	Rwy ldg 8600 TDZE 965 Apt Elev 986

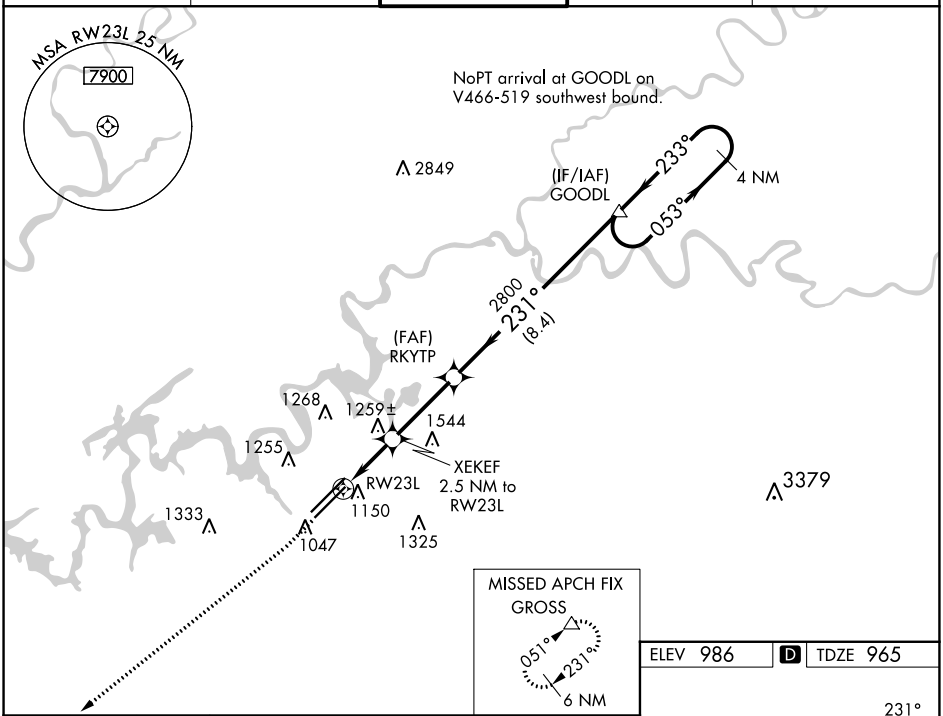
RNP APCH - GPS.

ASR

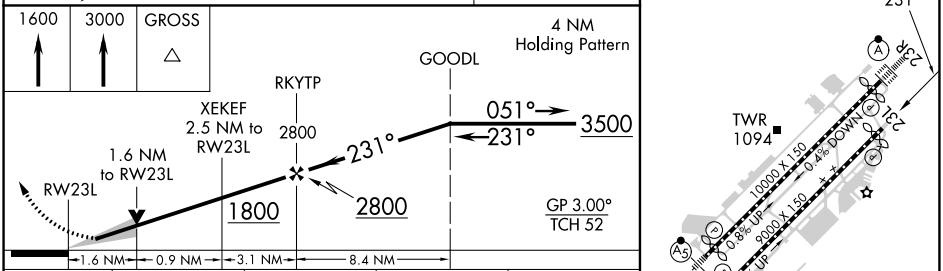
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10° C or above 54° C.

MISSED APPROACH: Climb to 1600 then climb to 3000 direct GROSS and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



ELEV 986 | D | TDZE 965



CATEGORY	A	B	C	D
LPV DA	1165/40 200 (200-¾)			
LNAV/VNAV DA	1383-1⅜ 418 (500-1⅜)			
LNAV MDA	1520/55 555 (600-1)		1520-1⅝ 555 (600-1⅝)	
C CIRCLING	1520-1 534 (600-1)	1620-1 634 (700-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

SE-1, 22 FEB 2024 to 21 MAR 2024

SE-1, 22 FEB 2024 to 21 MAR 2024

WAAS CH 81902 W23A	APP CRS 231°	Rwy ldg 9495 TDZE 984 Apt Elev 986

RNAV (GPS) RWY 23R
MC GHEE TYSON (TYS)

RNP APCH - GPS.

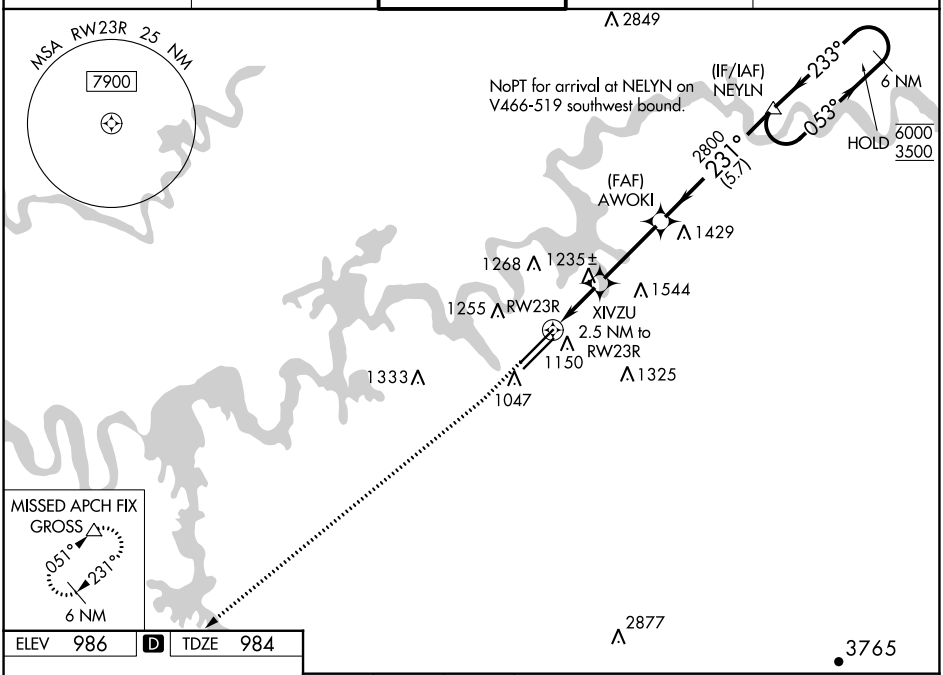
ASR

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 54°C. For inop ALS, increase LNAV Cat C/D visibility to 1⅜ SM.

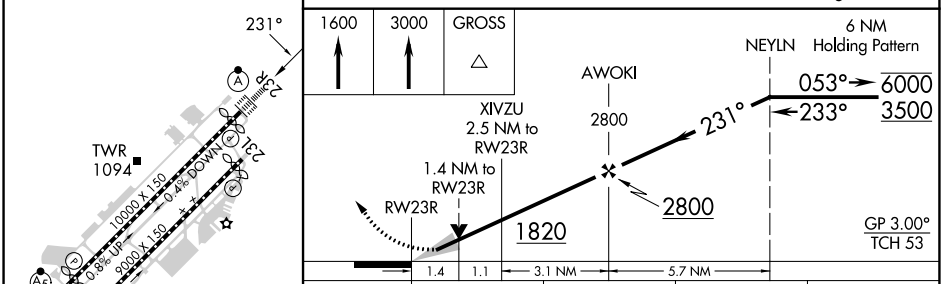
ALSF-2

MISSED APPROACH: Climb to 1600 then climb to 3000 direct GROSS and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



ELEV 986	D	TDZE 984



CATEGORY	A	B	C	D
LPV DA	1184/18 200 (200-½)			
LNAV/VNAV DA	1529-1⅛ 545 (600-1⅛)			
LNAV MDA	1500/24 516 (600-½)		1500/55 516 (600-1)	
C CIRCLING	1500-1 514 (600-1)	1560-1 574 (700-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

SE-1, 22 FEB 2024 to 21 MAR 2024

SE-1, 22 FEB 2024 to 21 MAR 2024

WAAS CH 48802 W05A	APP CRS 051°	Rwy ldg 9508 TDZE 953 Apt Elev 986

RNAV (GPS) RWY 5L
MC GHEE TYSON (TYS)

RNP APCH - GPS.

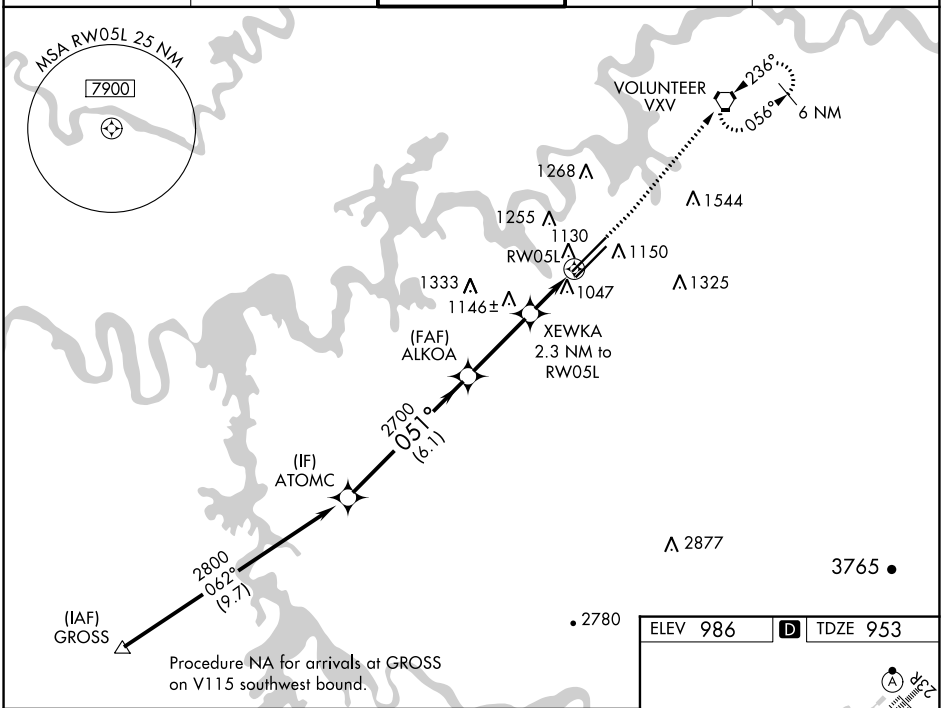
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 54°C.
**RVR 1800 authorized with use of FD or AP or HUD to DA.

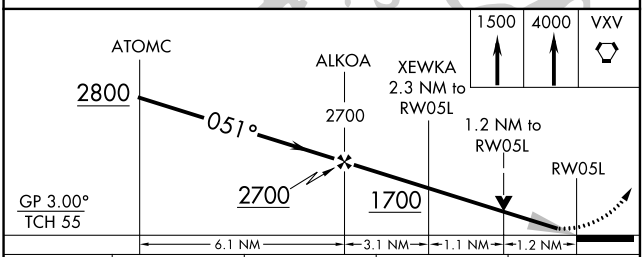
ASR

MALSR

MISSED APPROACH: Climb to 1500 then climb to 4000 direct VXV VORTAC and hold, continue climb-in-hold to 4000.

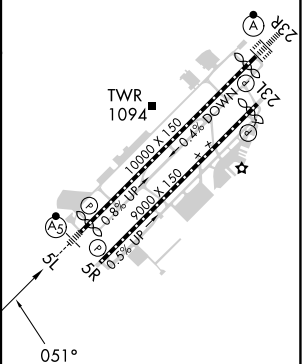
ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65





CATEGORY	A	B	C	D
LPV DA**	1153/24 200 (200-½)			
LNAV/VNAV DA	1291/26 338 (400-½)			
LNAV MDA	1380/24 427 (400-½)		1380/40 427 (400-¾)	
C CIRCLING	1500-1 514 (600-1)	1560-1 574 (600-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

ELEV 986 D TDZE 953



HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

SE-1, 22 FEB 2024 to 21 MAR 2024

WAAS CH 97410 W05B	APP CRS 051°	Rwy ldg 8600 TDZE 959 Apt Elev 986

RNAV (GPS) RWY 5R
MC GHEE TYSON (TYS)

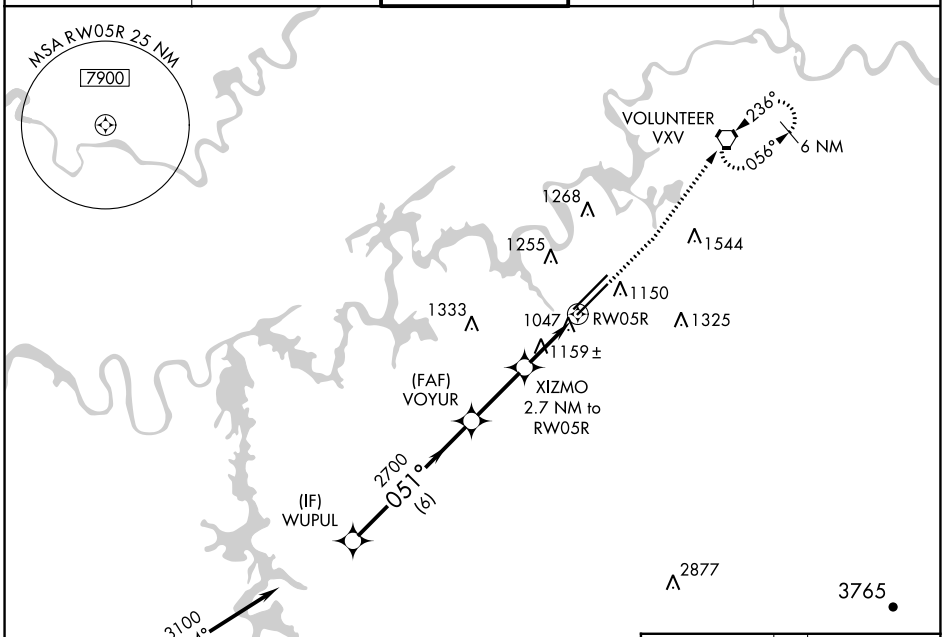
RNP APCH - GPS.

ASR

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 54°C.

MISSED APPROACH: Climb to 1500 then climb to 4000 direct VXV VORTAC and hold, continue climb-in-hold to 4000.

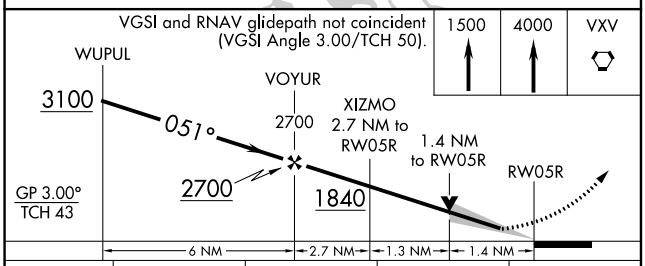
ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



SE-1, 22 FEB 2024 to 21 MAR 2024

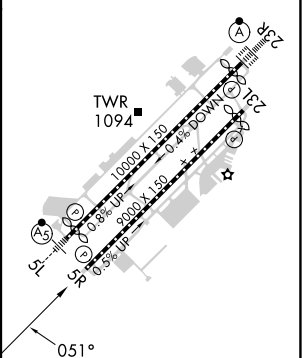
SE-1, 22 FEB 2024 to 21 MAR 2024

VGSI and RNAV glidepath not coincident
(VGSI Angle 3.00/TCH 50).



CATEGORY	A	B	C	D
LPV DA	1159-¾ 200 (200-¾)			
LNAV/VNAV DA	1276-1⅛ 317 (300-1⅛)			
LNAV MDA	1420-1 461 (500-1)		1420-1⅜ 461 (500-1⅜)	
C CIRCLING	1500-1 514 (600-1)	1620-1 634 (700-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

ELEV 986 D TDZE 959



HIRL Rwys 5L-23R
and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

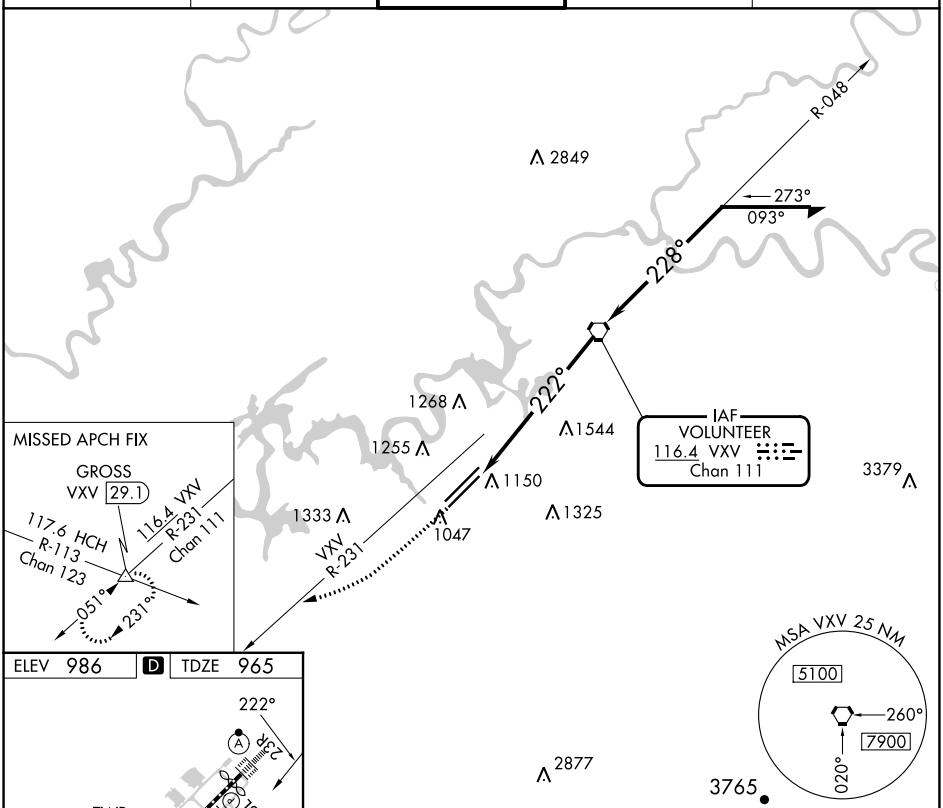
VOR RWY 23L
MC GHEE TYSON (TYS)

VOR/DME VXV 116.4 Chan 111	APP CRS 222°	Rwy ldg 8600 TDZE 965 Apt Elev 986

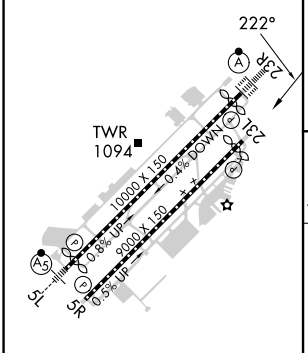
T A ASR

MISSED APPROACH: Climb to 3000 via VXV R-231 to GROSS INT/29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65

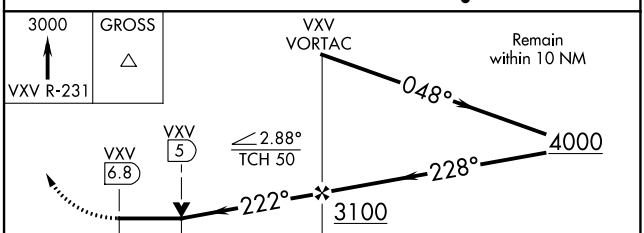


ELEV 986	D	TDZE 965



HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

FAF to MAP 6.8 NM					
Knots	60	90	120	150	180
Min:Sec	6:48	4:32	3:24	2:43	2:16



CATEGORY	A	B	C	D
S-23L	1600-1 635 (700-1)		1600-1¾ 635 (700-1¾)	1600-2 635 (700-2)
C CIRCLING	1600-1 614 (700-1)	1620-1 634 (700-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

SE-1, 22 FEB 2024 to 21 MAR 2024

VOR RWY 23R
MC GHEE TYSON (TYS)

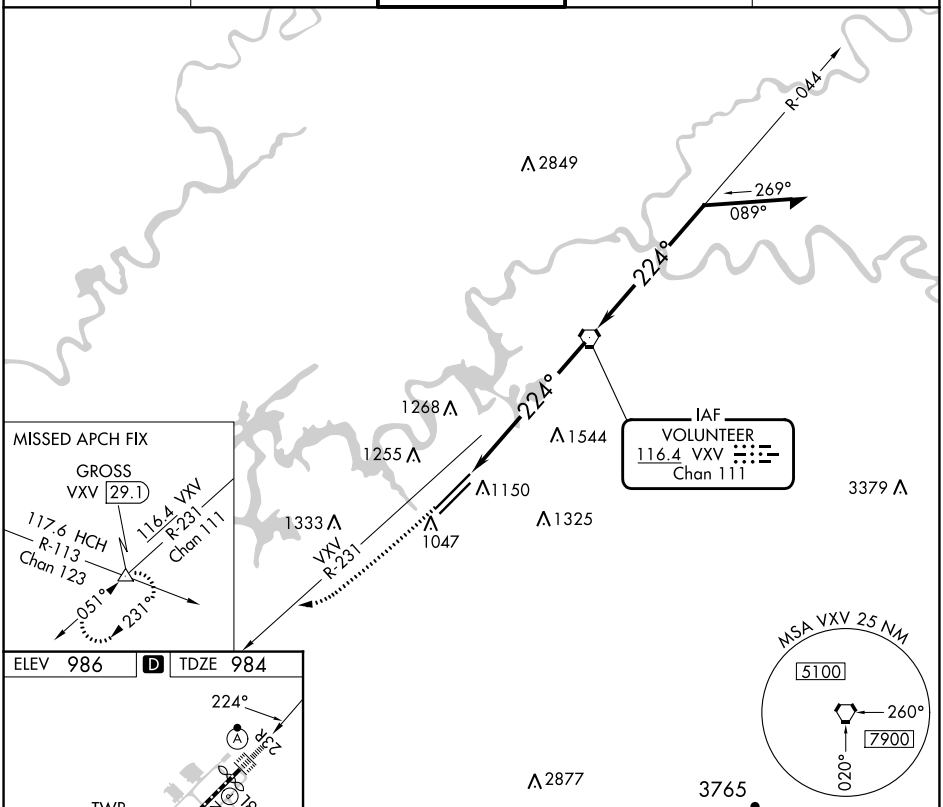
VOR/DME VXV 116.4 Chan 111	APP CRS 224°	Rwy ldg 9495 TDZE 984 Apt Elev 986

T A ASR

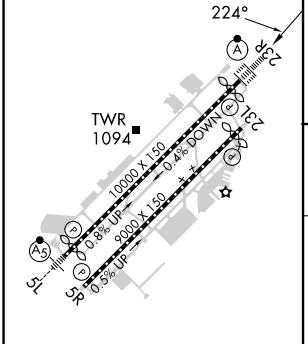
ALSF-2

MISSED APPROACH: Climb to 3000 on VXV VORTAC R-231 to GROSS INT/29.1 DME and hold.

ATIS	KNOXVILLE APP CON	KNOXVILLE TOWER	GND CON	CLNC DEL
128.35	123.9 360.8	121.2 257.8	121.9 348.6	121.65



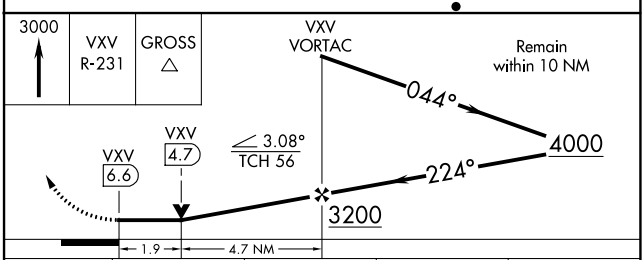
ELEV 986 D TDZE 984



HIRL Rwys 5L-23R and 5R-23L
REIL Rwys 5R and 23L
TDZ/CL Rwys 5R and 23R

FAF to MAP 6.6 NM

Knots	60	90	120	150	180
Min:Sec	6:36	4:24	3:18	2:38	2:12



CATEGORY	A	B	C	D
S-23R	1640/24	656 (700-½)	1640-1⅜	656 (700-1⅜)
C CIRCLING	1640-1	654 (700-1)	1660-2 674 (700-2)	1900-3 914 (1000-3)

SE-1, 22 FEB 2024 to 21 MAR 2024
SE-1, 22 FEB 2024 to 21 MAR 2024