

09-AUG-2018

**TYS-KTYS****1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** H24**Airport Information**

**RFF:** FAA INDEX C / CAT 7  
**Fuel:** Jet A++  
**PCN:** RWY 05L/23R: 71/R/B/W/T  
 RWY 05R/23L: 63/F/B/X/T

**Operation****Traffic Note**

Low Level Windshear Alert System (LLWAS) in operation.

**TWY Restrictions**

Hold short line for RWY 23L located slightly north of TWY A8.

Portion of TWY A near RWY 05R APCH end not visible from TWR.

| TWY G1/RWY 05L underrun usable w/o restrictions.

**VOR TEST FACILITY (VOT):** 112.0

**Warnings**

**OM DOWNTOWN ISLAND** for RWY 26 may be received prior to BUZBY OM.

**LOC RWY 23L:** unusable inside D7.2 above 5300ft MSL to 2000ft MSL at D1.6.

Birds in vicinity of AD, increased from OCT-APR.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication**

**COM Failure:** See CRAR.

**Arrival Procedure****VFR Traffic Pattern**

RWY 23R and 05R right-hand circuit.

**Non-standard GP intercept position on RWY 23R**

GP intercepts RWY 23R at 326m / 1069ft after landing threshold.

| Remaining DIST beyond GP is 1504m / 4936ft.

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**TYS-KTYS****1-20****AOI****AOI****DEPARTURE****Take-off Minima**

RWY		05L, 23L	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-

RWY		05R, 23R	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR and in addition;

If filed route is between R080-200 VXV and radio contact is not established with DEP control prior to reaching 6000ft continue climb to 9000ft before turning on course.

**Departure Procedure**

Fly RWY HDG or as assigned for vectors to filed route. Maintain 6000ft (or assigned lower ALT).

RWY 23L/R: Maintain RWY HDG until passing residential area south of extended centerline unless otherwise instructed by ATC.

Expect CLR to requested ALT/FL 10min after DEP.

06-SEP-2018

TYS-KTYS

**United States Knoxville Mc Ghee Tyson**

Tyson  
AGC  
AFC

**AFC**  **Mc Ghee Tyson Knoxville United States**

	ATIS	APP	DEP	
WB8 4°30'	128.350	ASUS	118.000	051°-229°
WB8 4°00'	123.900	230°-050°	125.525	132.800
	123.900	230°-050°	118.000	051°-229°
	123.900	230°-050°	125.525	132.800

**41**

2500 • 3343 • 4049

**51**

3049 • 3343

**43**

346 JKT  
JEFFERSON  
346 JKT  
N36°06'6" W083°28.5"

<b>ILS Cat 2</b>	<b>TWR</b>
111.7 [BU]	121.200
D2.5 V/N	122.950
D6.2 V/N	121.900
1160	RCO (Nashville RDO)

**Unicorn**  
122.200

**GND**  
122.300

**RCO (Nashville RDO)**

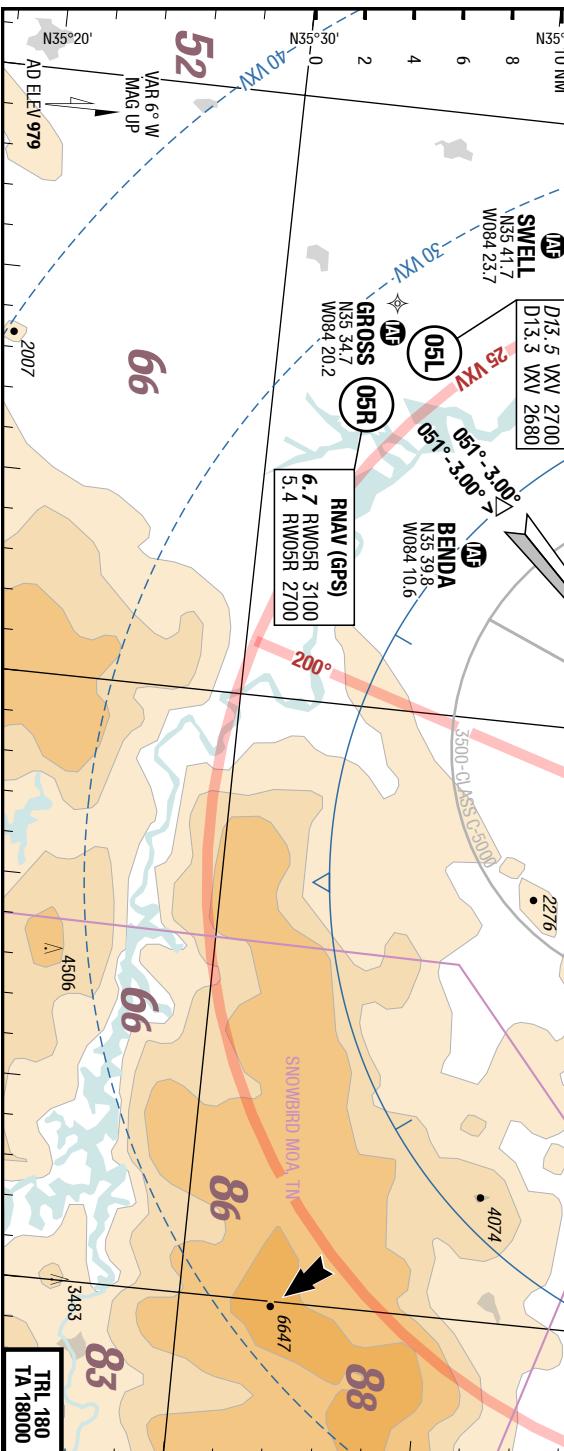
**Landing RWY system:**

- 05L
- 23L
- 23R

Legend:

- 30° 30°
- 60 HL
- 15 HL
- +0.9%

ML-P1R / THR 923 (35hPa) / TDZ 953 (---%)



Changes: Nil

06-SEP-2018

TYS-KTYS

United States Knoxville Mc Ghee Tyson

3-20

AGC

AGC

AGC

AGC

Mc Ghee Tyson Knoxville United States

W084° 00'

W083° 59'

Changes: Non-Movement area

ATIS	128.350 ASOS
TWR	121.200
GND	121.900
RCO (Nashville RDO)	122.200 122.300
DLV	121.650
Unicom	122.950

HS1: Holding position marking for full length of RWY 23L just beyond TWY A8 on TWY A.  
 HS2: Ramp exit TWY R5 short distance from TWY A and RWY 05R/23L. Do not miss turn onto TWY A.

**Caution:**  
 Be alert to RWY crossing clearances.  
 Readback of all RWY holding instructions is required.

RWY	TORA	ASDA	TODA
05R	2743	2621	2743

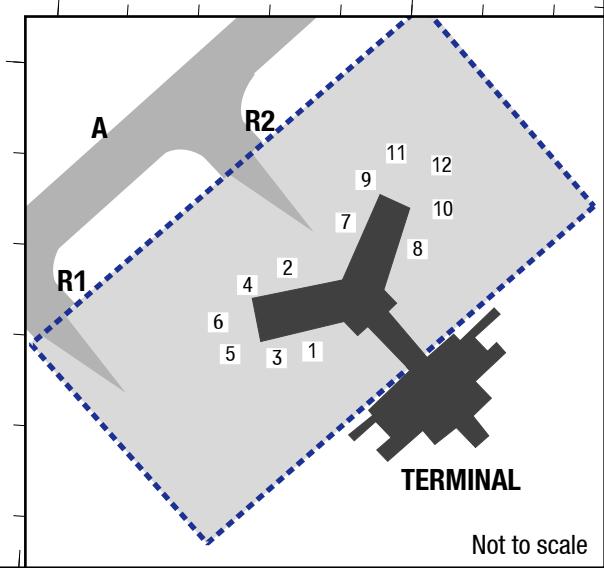
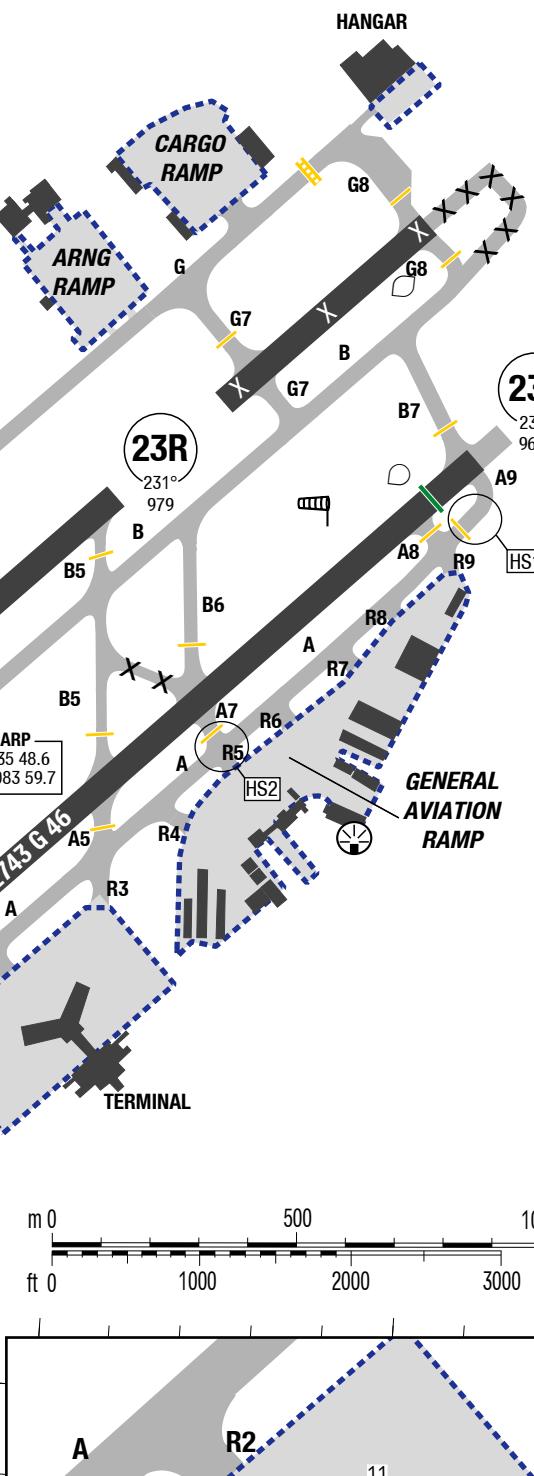
MILITARY FIRE STATION  
ANG

05L  
051° 923  
04° 52N

05R  
051° 939  
04° 52N

COORDINATES	
1	N35 48.4 W083 59.5
2	N35 48.4 W083 59.5
3	N35 48.4 W083 59.5
4	N35 48.4 W083 59.5
5	N35 48.4 W083 59.5
6	N35 48.4 W083 59.5
7	N35 48.4 W083 59.5
8	N35 48.4 W083 59.4
9	N35 48.4 W083 59.5
10	N35 48.4 W083 59.4
11	N35 48.4 W083 59.4
12	N35 48.4 W083 59.4

VAR 6° W  
MAG UP  
AD ELEV 979



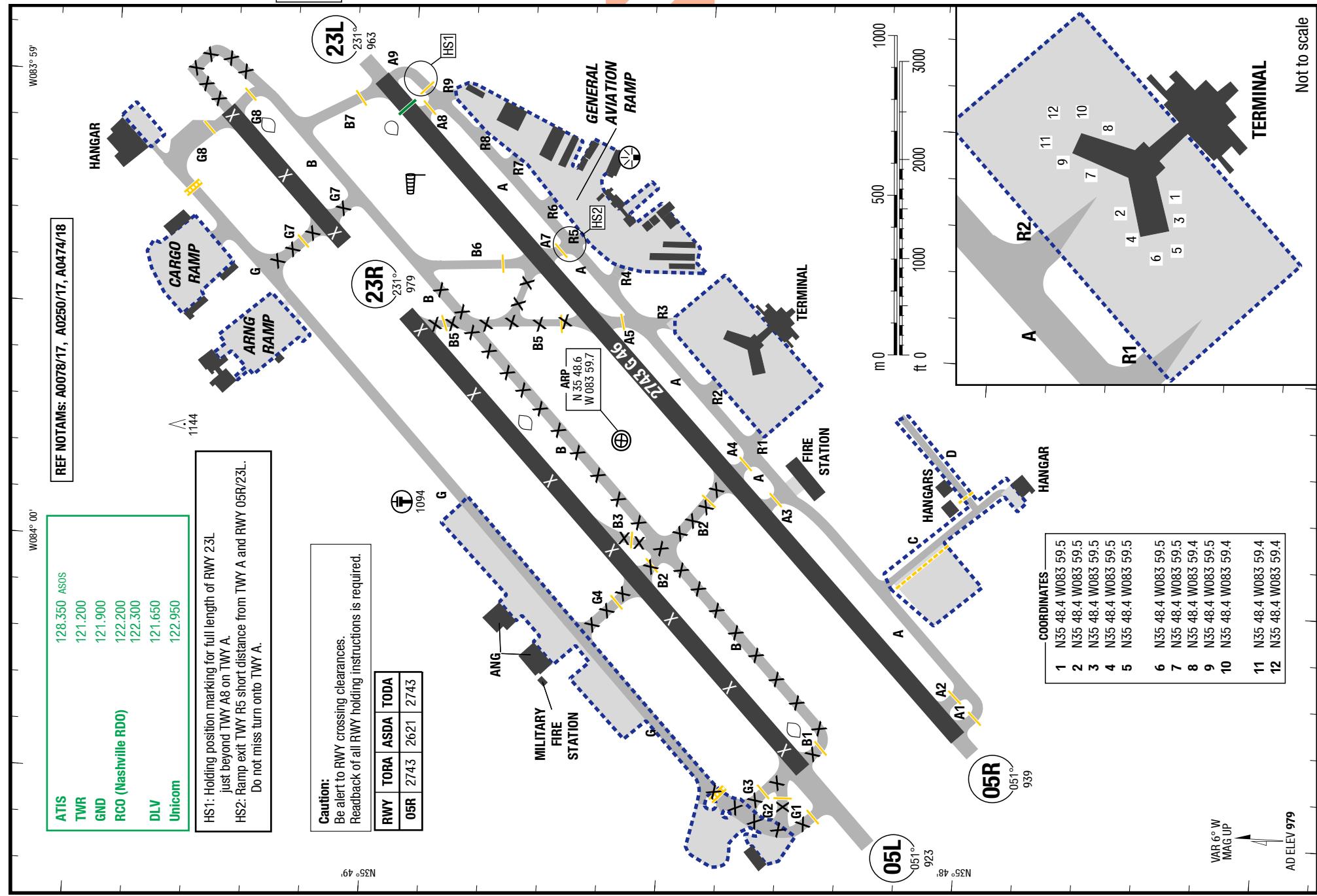
TYS-KTYS

United States Knoxville Mc Ghee Tyson

Mc Ghee Tyson Knoxville United States

3-21

Tempo AGC

AGC  
NILAGC  
NIL  
Tempo AGC

Effective 05-JAN-2017  
29-DEC-2016

# United States Knoxville Mc Ghee Tyson

Mc Ghee Tyson Knoxville United States

TYS-KTYS

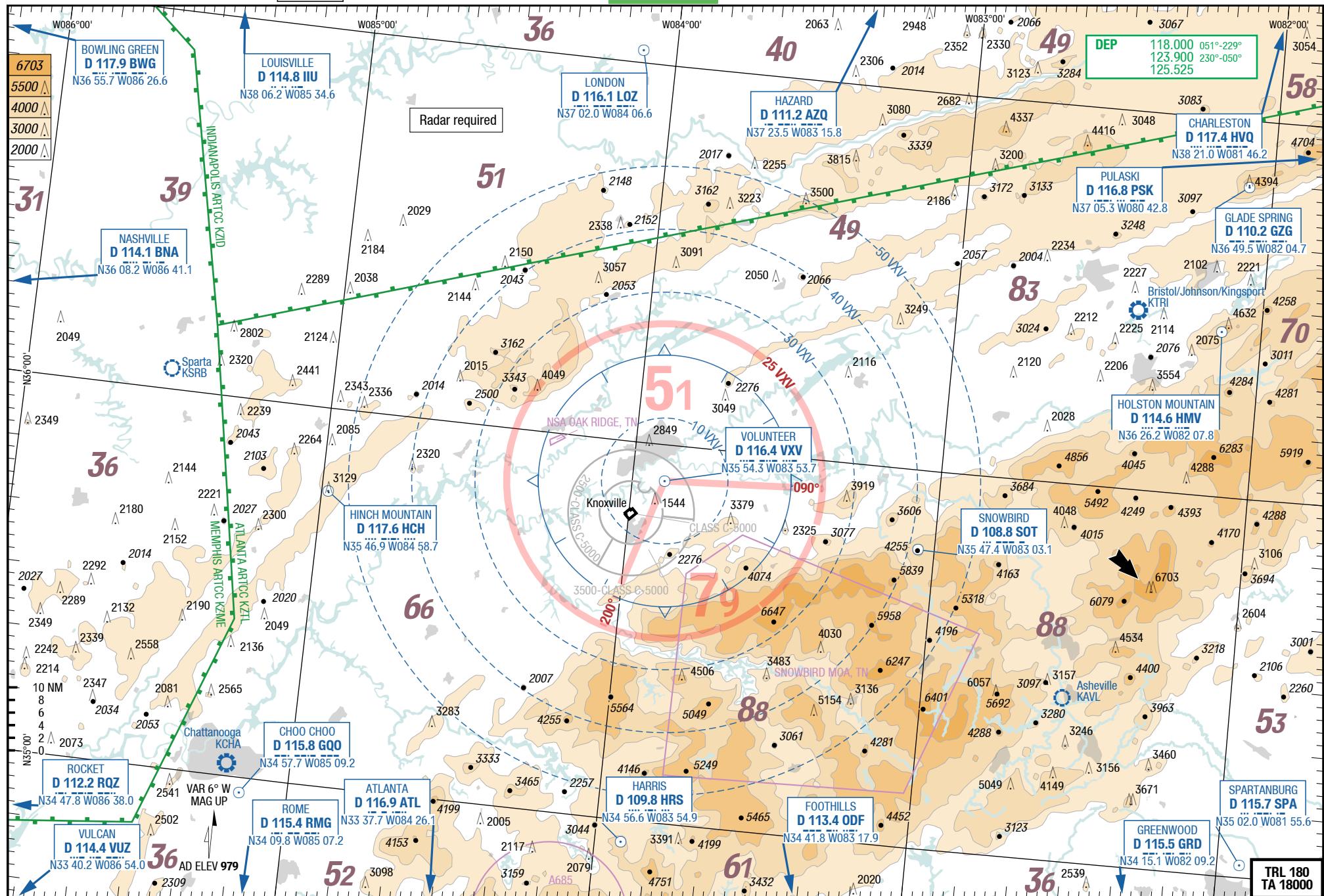
4-10

KNOXVILLE 5

SID

SID

KNOXVILLE 5



Changes: OBST, PROC renumbered, Editorial

**TYS-KTYS**

**5-10**

**KNOXVILLE 5**

SIDPT

**KNOXVILLE 5**

RWYs 05L/R (051°) / 23L/R (231°)

DESIGNATOR	ROUTING	ALTITUDES
<b>KNOXVILLE 5</b>		<b>initial climb 6000</b>
<b>118.000</b> (051°-229°)		
<b>123.900</b> (230°-050°)		
<b>125.525</b>		
①		
<b>RWYs 05L/05R</b>	HDG 051° or as assigned for vectors to filed route	
<b>RWYs 23L/23R</b>	HDG 231° or as assigned for vectors to filed route	

① Expect clearance to requested altitude/flight level 10 MIN after DEP.

**TYS-KTYS**

**5-30**

**Obstacle Departure**

**Obstacle Departure**

<b>RWY</b>	<b>Routing</b>
<b>05L / 05R</b>	Climb direct to <b>VXV</b> - R053 <b>VXV</b> northeast bound to <b>4100</b> BPOC
<b>23L</b>	intercept R226 <b>VXV</b> southwest bound to <b>4000</b> BPOC
<b>23R</b>	intercept R226 <b>VXV</b> southwest bound to <b>4000</b> BPOC
<b>RWY</b>	<b>Notes</b>
<b>05L</b>	Poles beginning 1735ft from DER, 925ft left of centerline, up to 66ft AGL/1045ft MSL.
<b>05R</b>	Terrain 52ft from DER, 489ft left of centerline, 967ft MSL. Poles beginning 94ft from DER, 438ft right of centerline, up to 45ft AGL/976ft MSL.
<b>23L</b>	Catenaries beginning 3690ft from DER, 521ft left of centerline, up to 144ft AGL/1040ft MSL. Transmission line tower 3884ft from DER, 1003ft left of centerline, 137ft AGL/1049ft MSL.

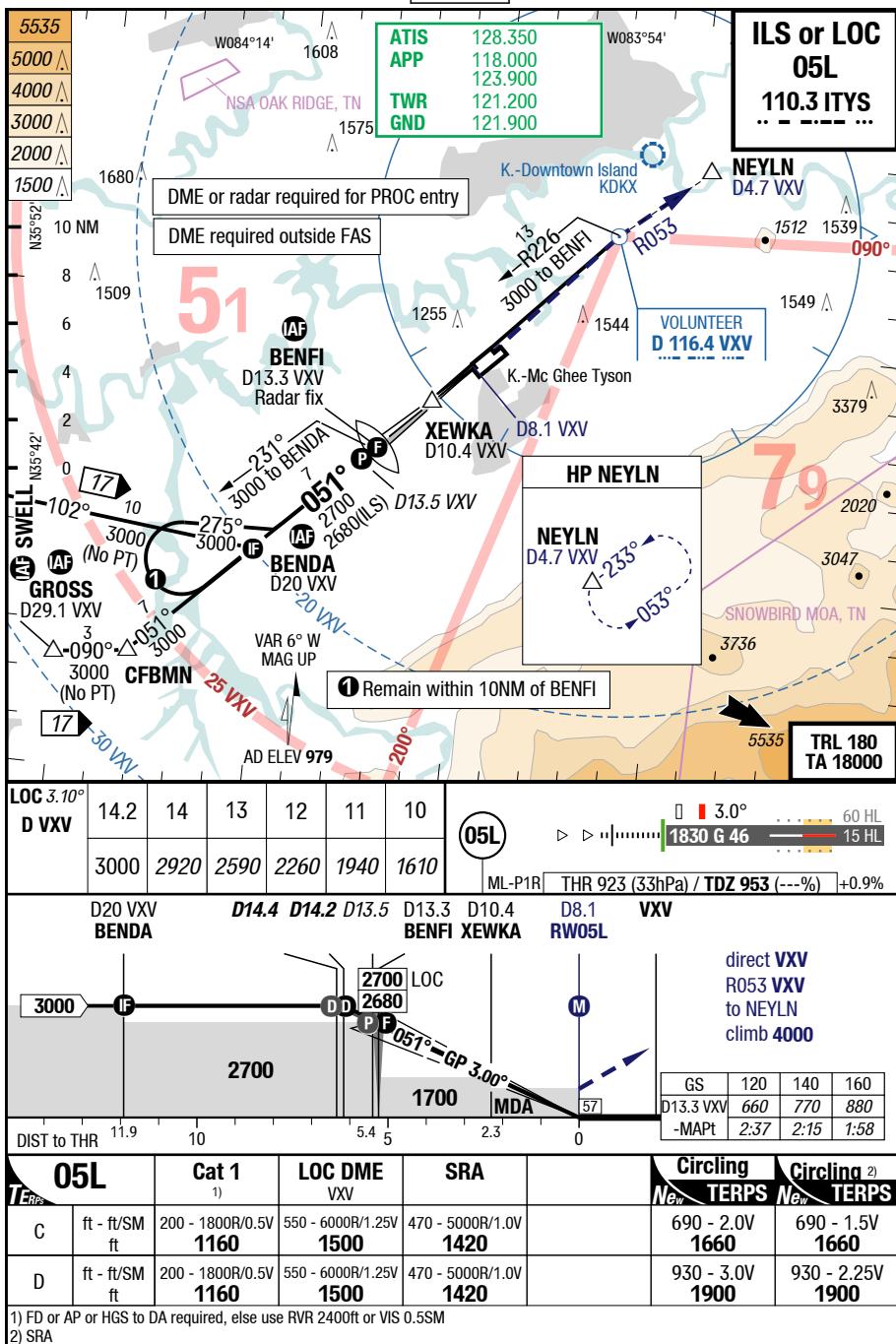
06-SEP-2018

TYS-KTYS

7-10

ILS or LOC 05L

IAC



Changes: MIN

AMDT 9A

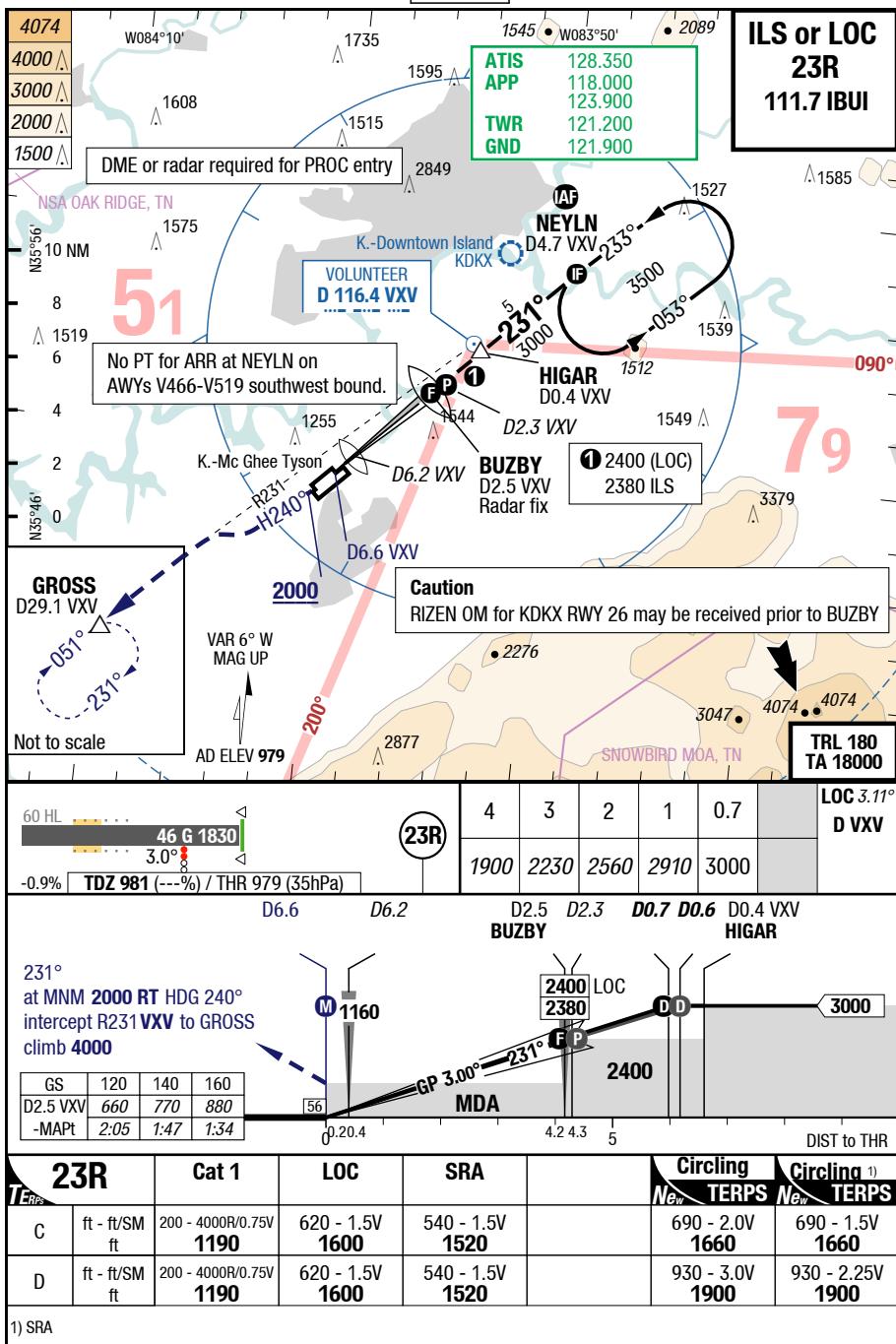
06-SEP-2018

IAC

TYS-KTYS

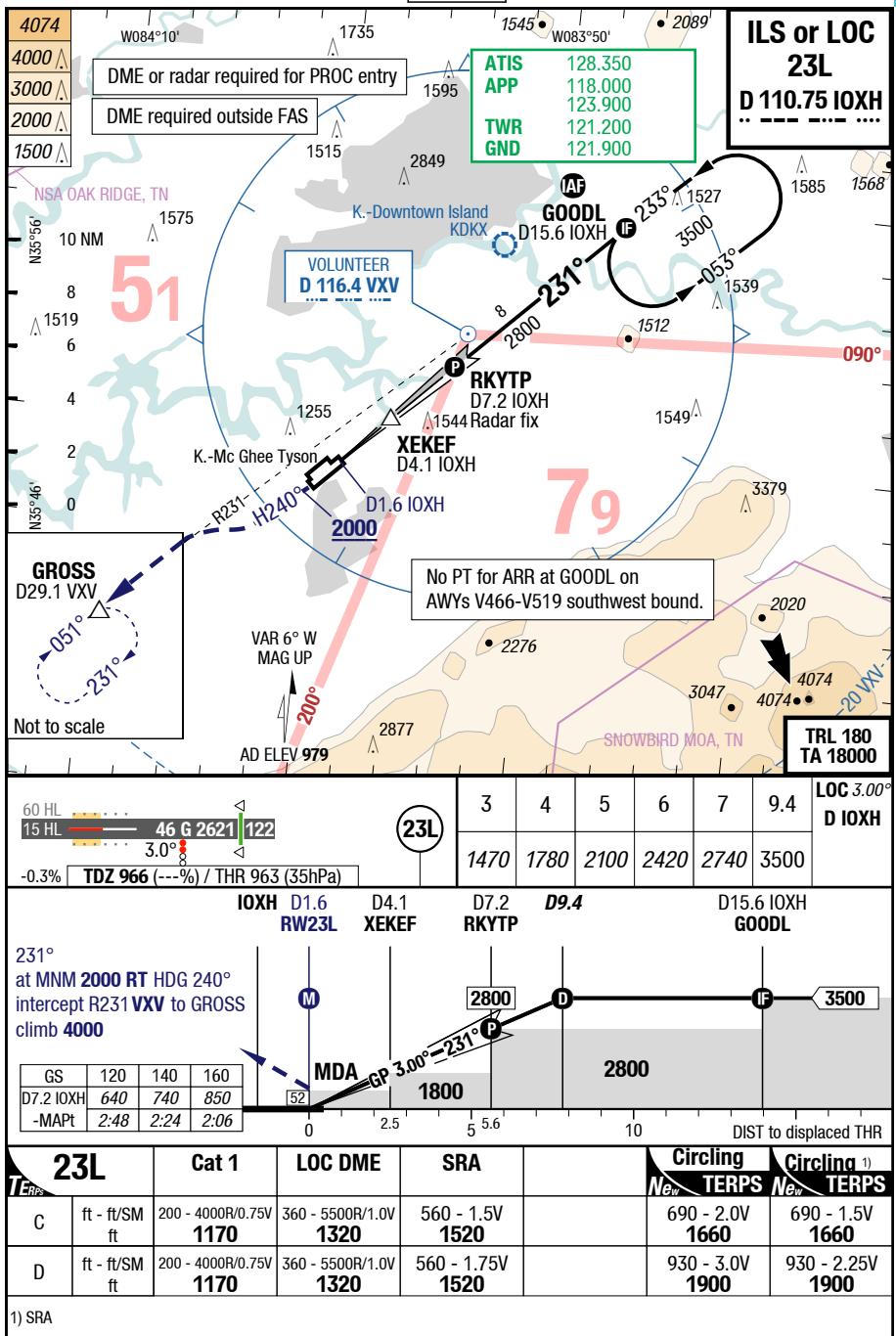
7-20

ILS or LOC 23R



7-30

**ILS or LOC 23L**



06-SEP-2018/UFN

06-SEP-2018

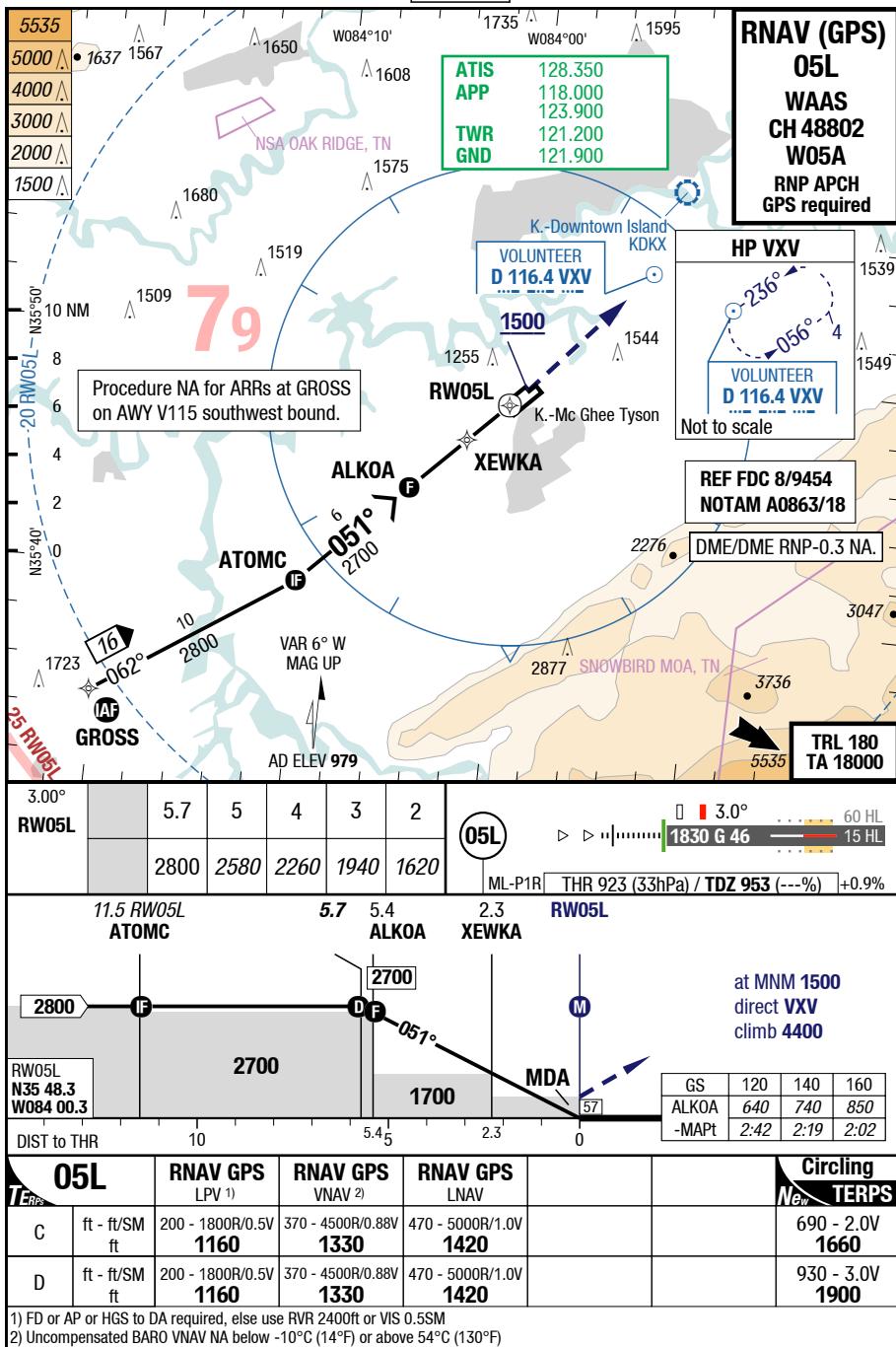
TYS-KTYS

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7-48

Tempo RNAV (GPS) 05L

IAC



06-SEP-2018/UFN

06-SEP-2018

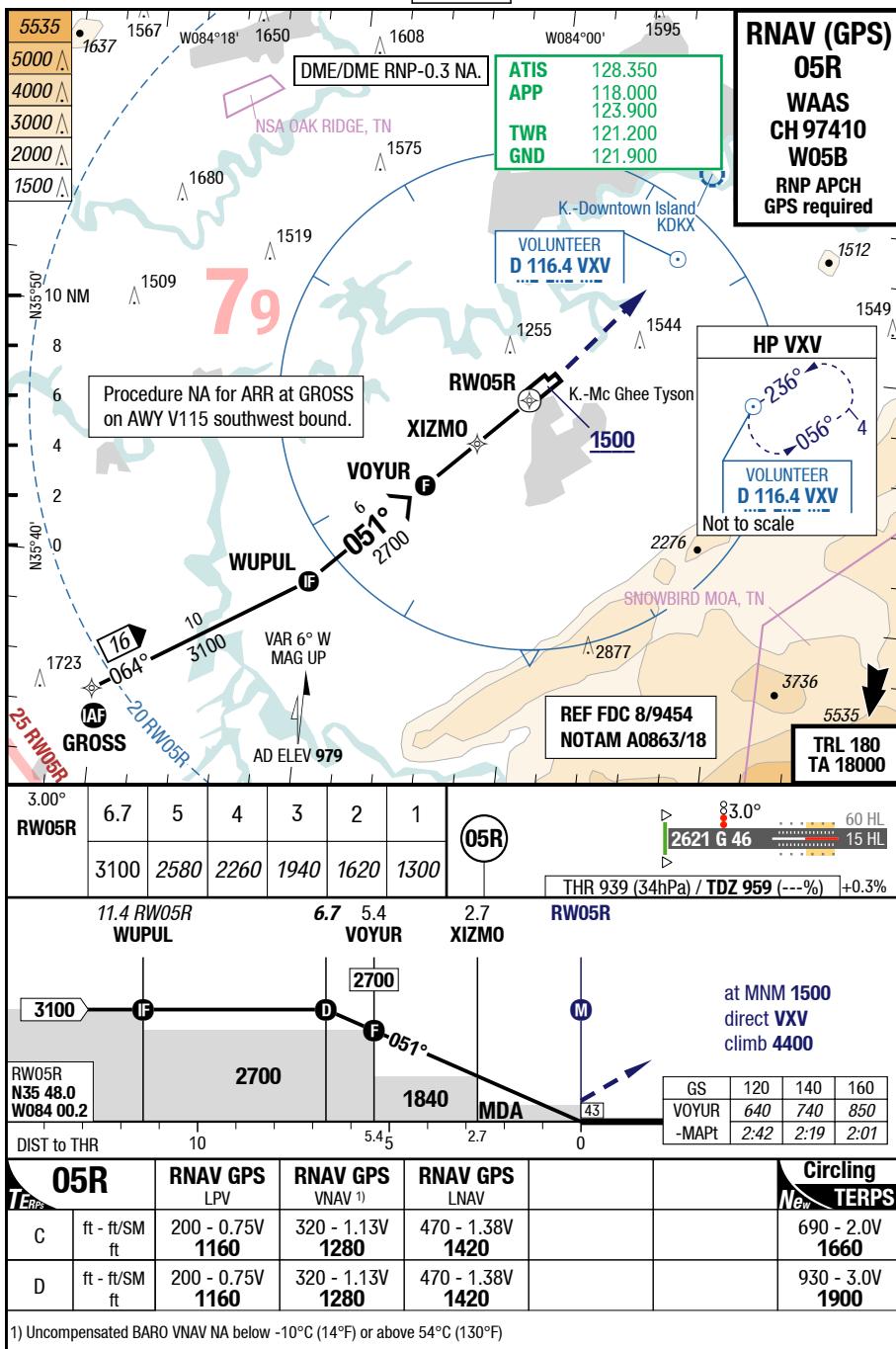
## United States Knoxville Mc Ghee Tyson

IAC

TYS-KTYS

7-49

Tempo RNAV (GPS) 05R



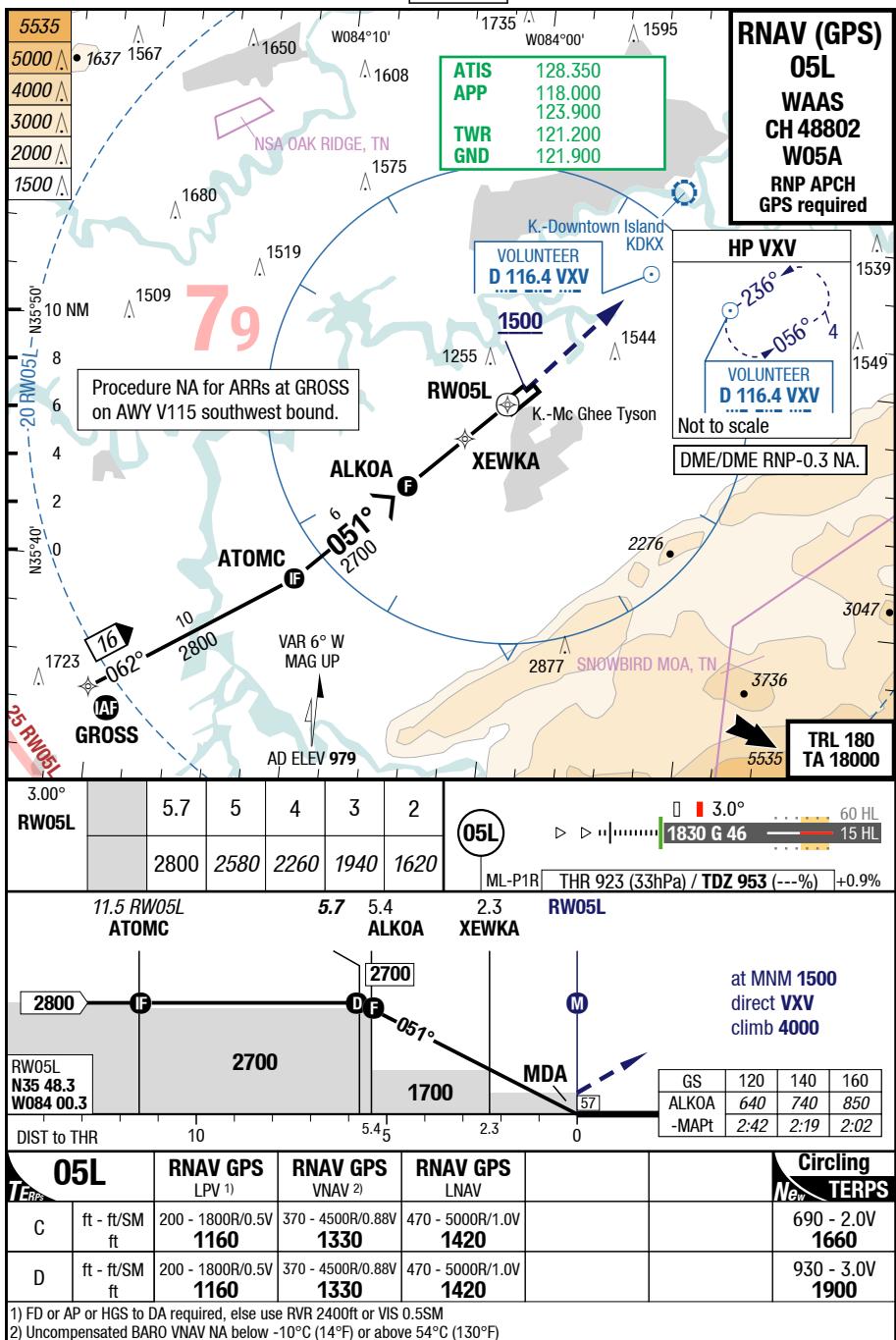
06-SEP-2018

TYS-KTYS

7-50

RNAV (GPS) 05L

IAC



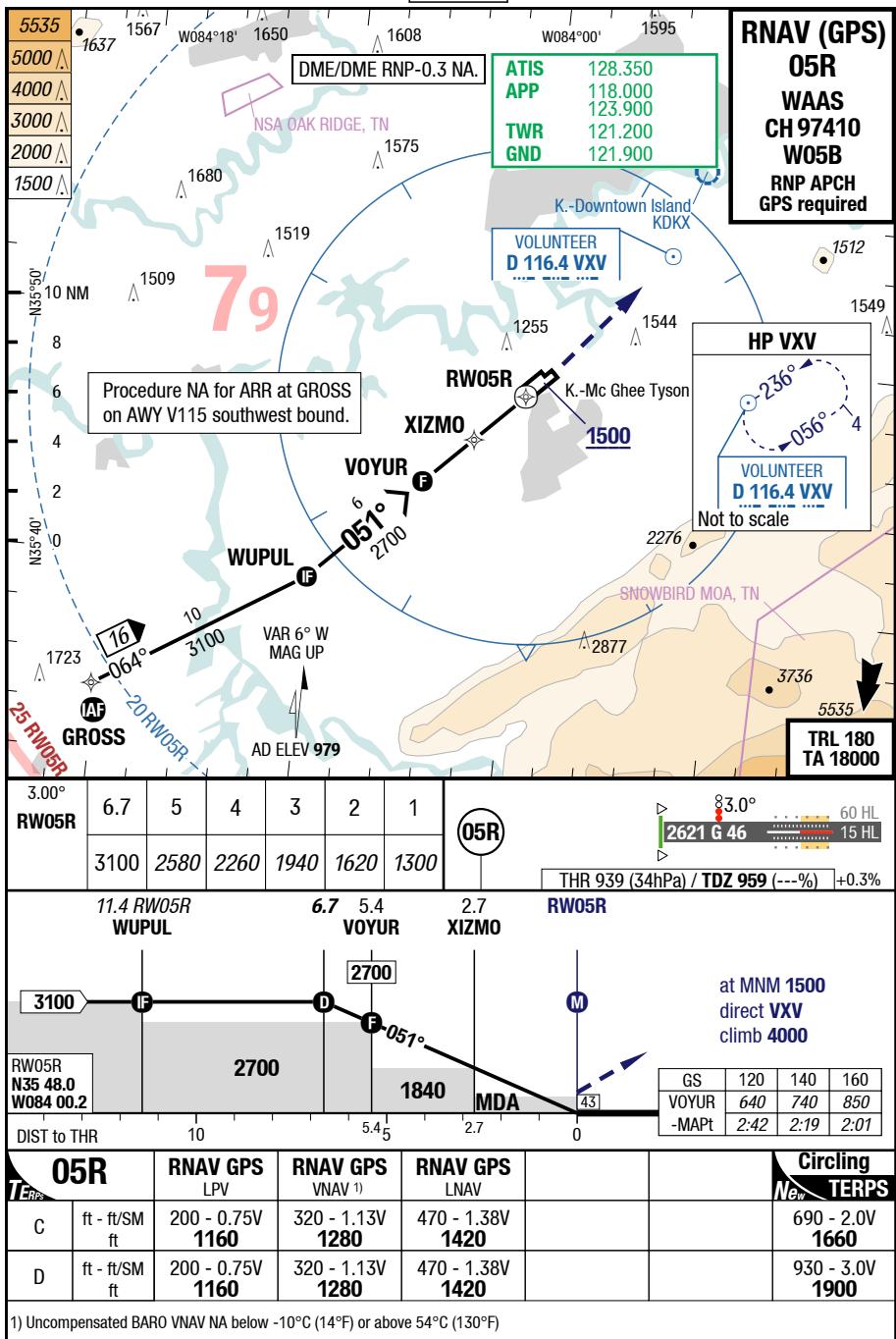
06-SEP-2018

TYS-KTYS

7-60

RNAV (GPS) 05R

IAC



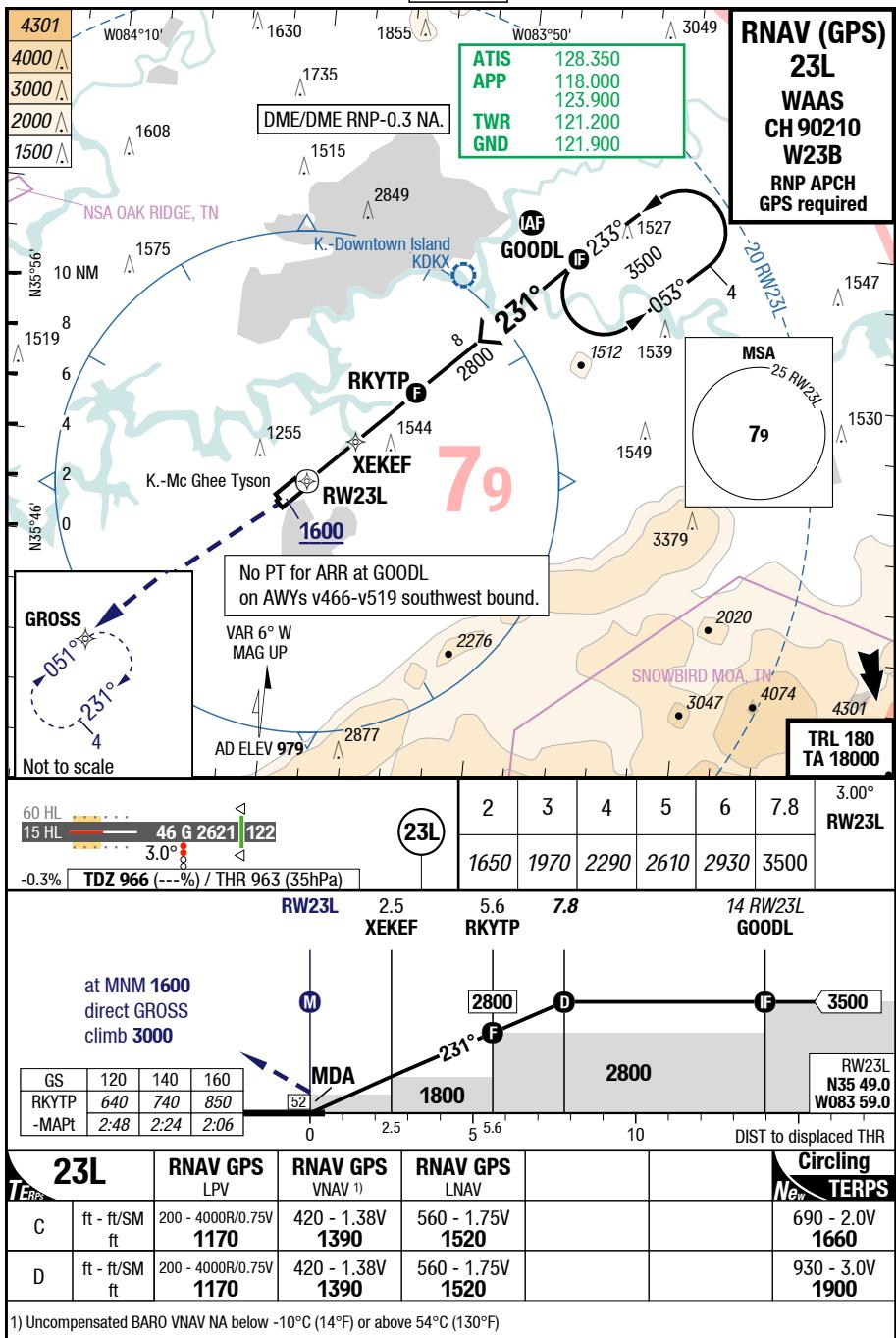
06-SEP-2018

IAC

TYS-KTYS

7-70

RNAV (GPS) 23L

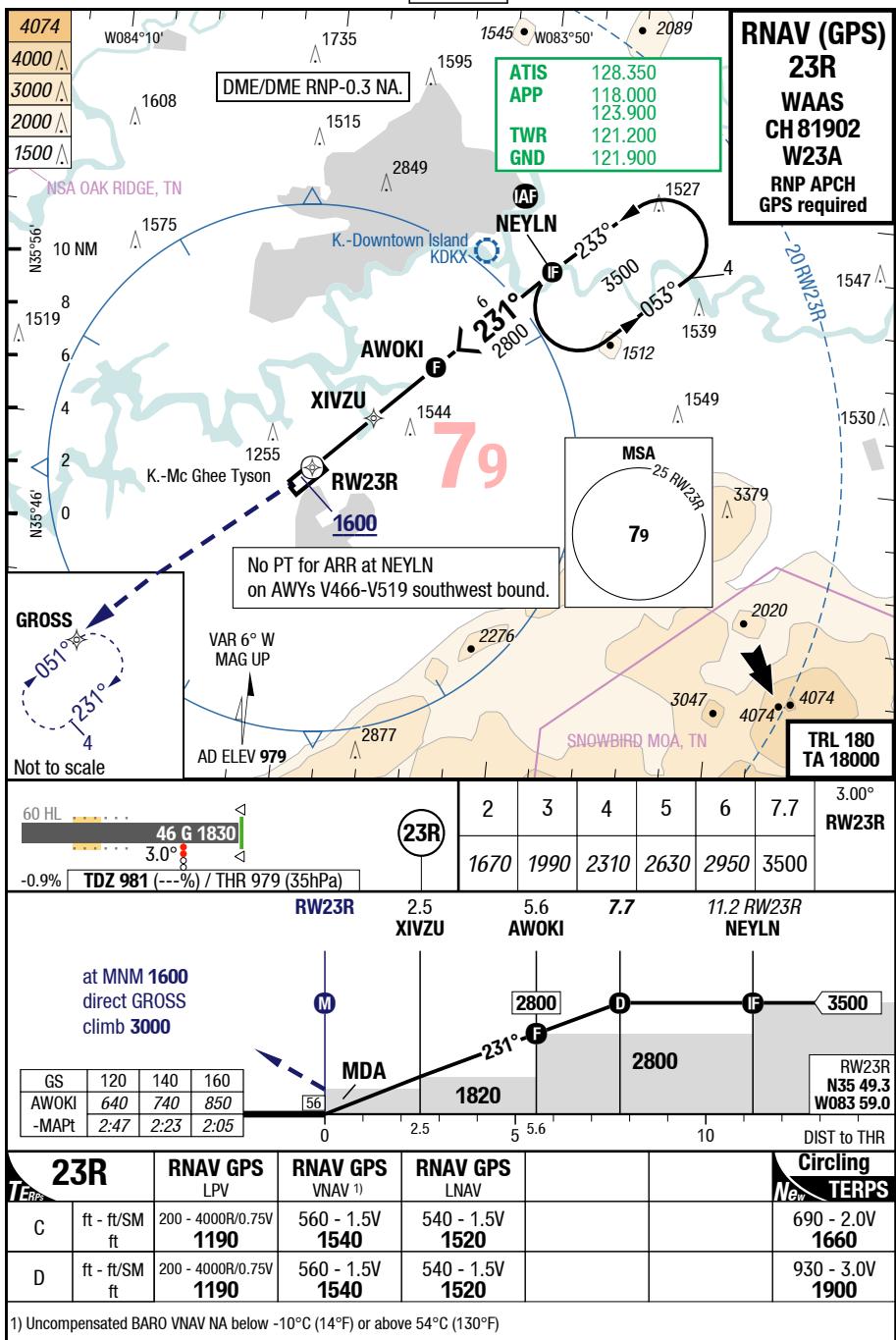


06-SEP-2018

TYS-KTYS

7-80

RNAV (GPS) 23R



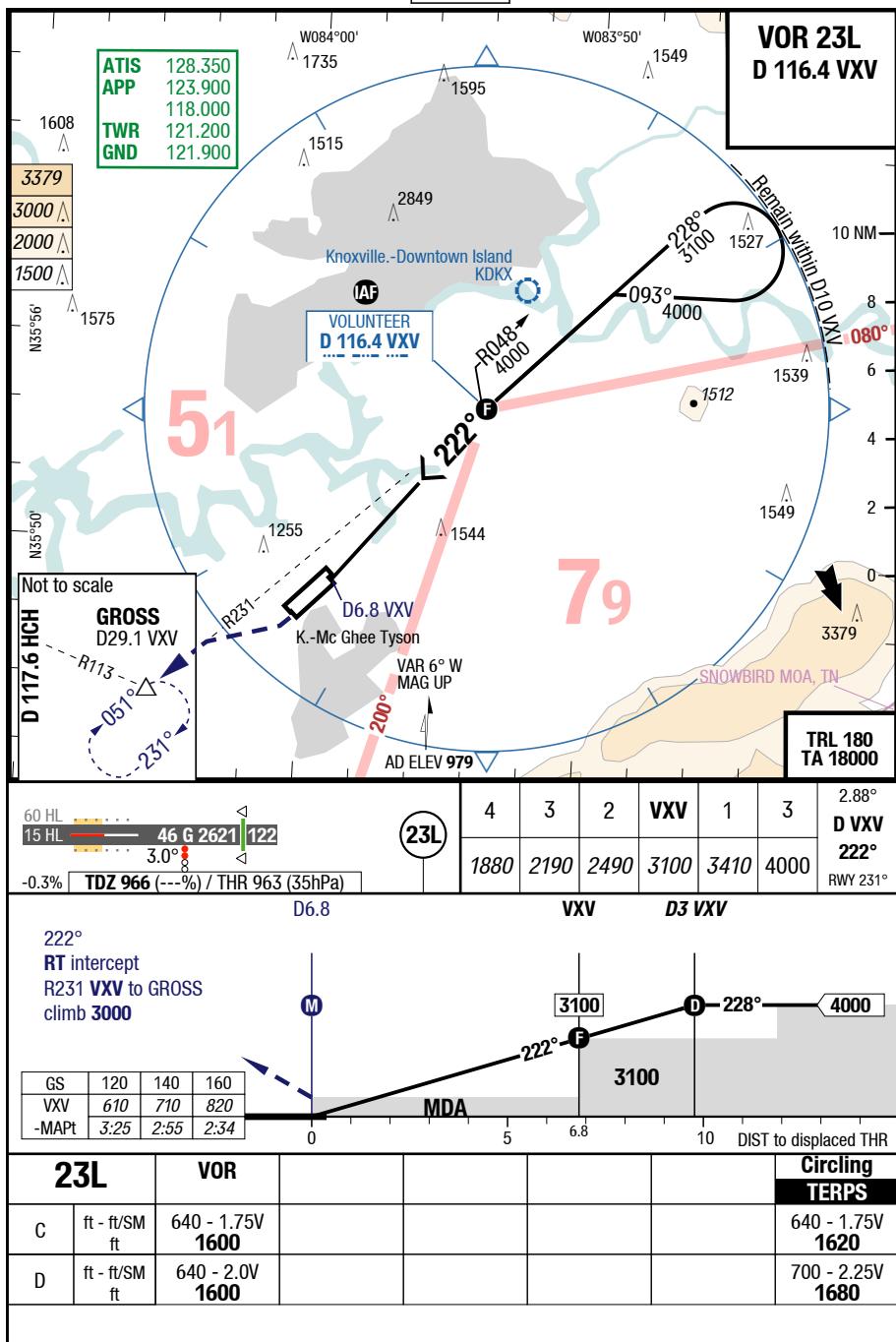
29-DEC-2016

TYS-KTYS

7-90

IAC

VOR 23L



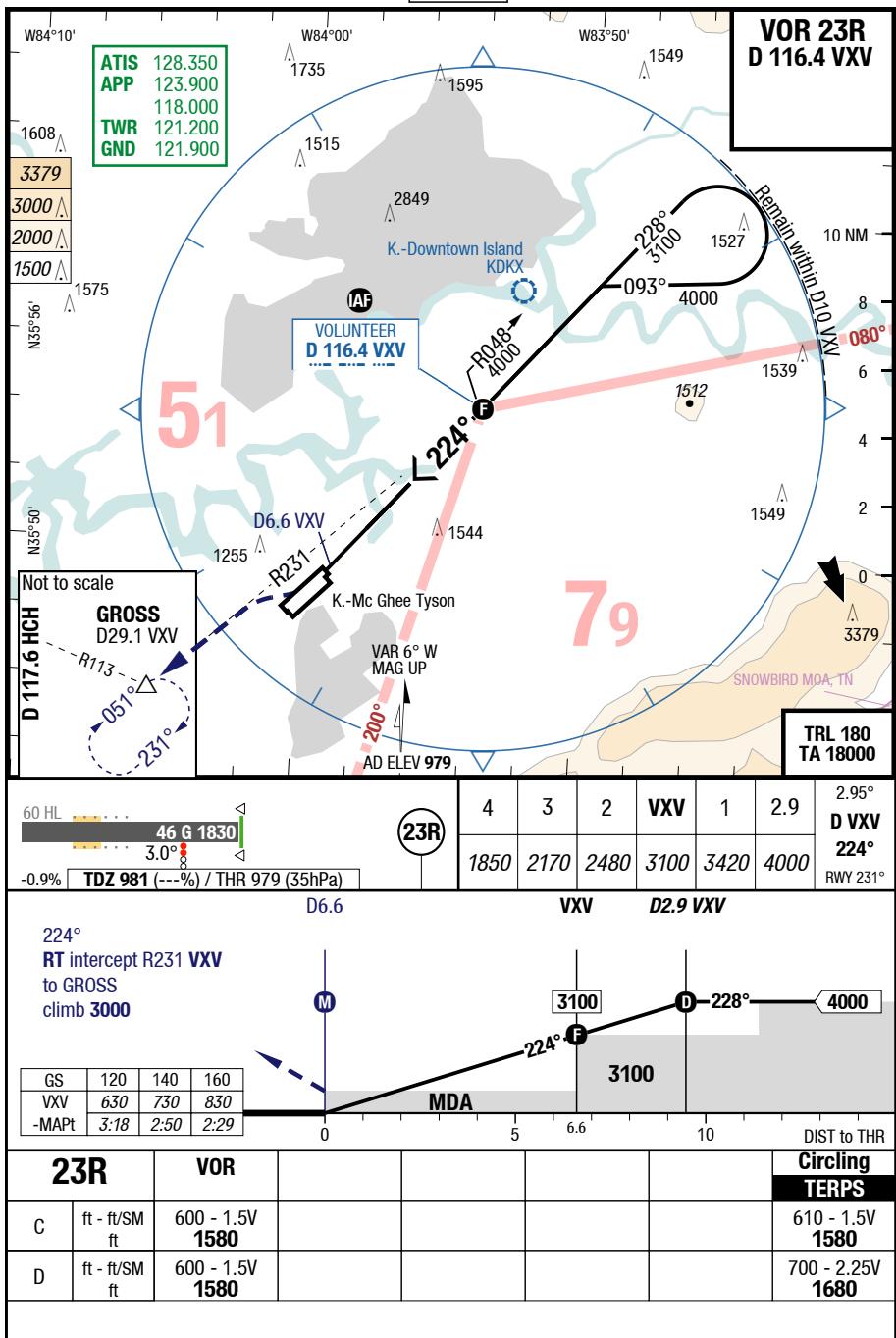
29-DEC-2016

TYS-KTYS

7-100

IAC

VOR 23R



06-SEP-2018

TYS-KTYS

7-110

IAC

SRA 05R

