

## GENERAL

### Operational Hours

**ATS Hours:** H24

**AD OPS Hours:** Attended continuously

### Airport Information

**RFF:** FAA Index B / CAT 6

**Fuel:** Jet A, 1300-0500†

**PCN:** RWY 07/25: 67/F/B/W/T, RWY 16/34: 52/F/B/W/T

**Customs:** REQ for SAT/SUN prior to 2200† on FRI.

### Operation

#### Traffic Note

48HRs PPR for non-SKED air carrier OPS with more than 10 PAX seats.

Low Level Windshear Alert System (LLWAS) in operation.

### Warnings

**TOL DME** unusable: R340-R010.

ATIS reception intermittend beyond 35NM between 270-320°.

TWY A west of RWY 16 and the ramp between TWY B9 and B13 not visible from TWR.

Birds and deer on and in vicinity of AD.

## ARRIVAL

### Speed

MAX IAS 250KT below 10000ft.

### Communication

**COM Failure:** See CRAR United States.

### Warnings

**ILS LOC RWY 25** unusable 0.5NM inbound.

**PAPI RWY 25** unusable beyond 8° right of RCL.

## DEPARTURE

### Take-off Minima

RWY		07/25	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-
RWY		34	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-
RWY		16	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 4.3% up to 1000
3+4 ENG		0 - 0.5V	

26-OCT-2017

TOL-KTOL

United States **Toledo** Toledo Express

1-20

A0I

A0I

**DEPARTURE**

**Speed**

MAX IAS 250KT below 10000ft.

**Communication**

**COM Failure:** See CRAR United States.

Changes: Nil

Effective 24-MAY-2018

17-MAY-2018

TOL-KTOL

United States Toledo Toledo Express

AGC

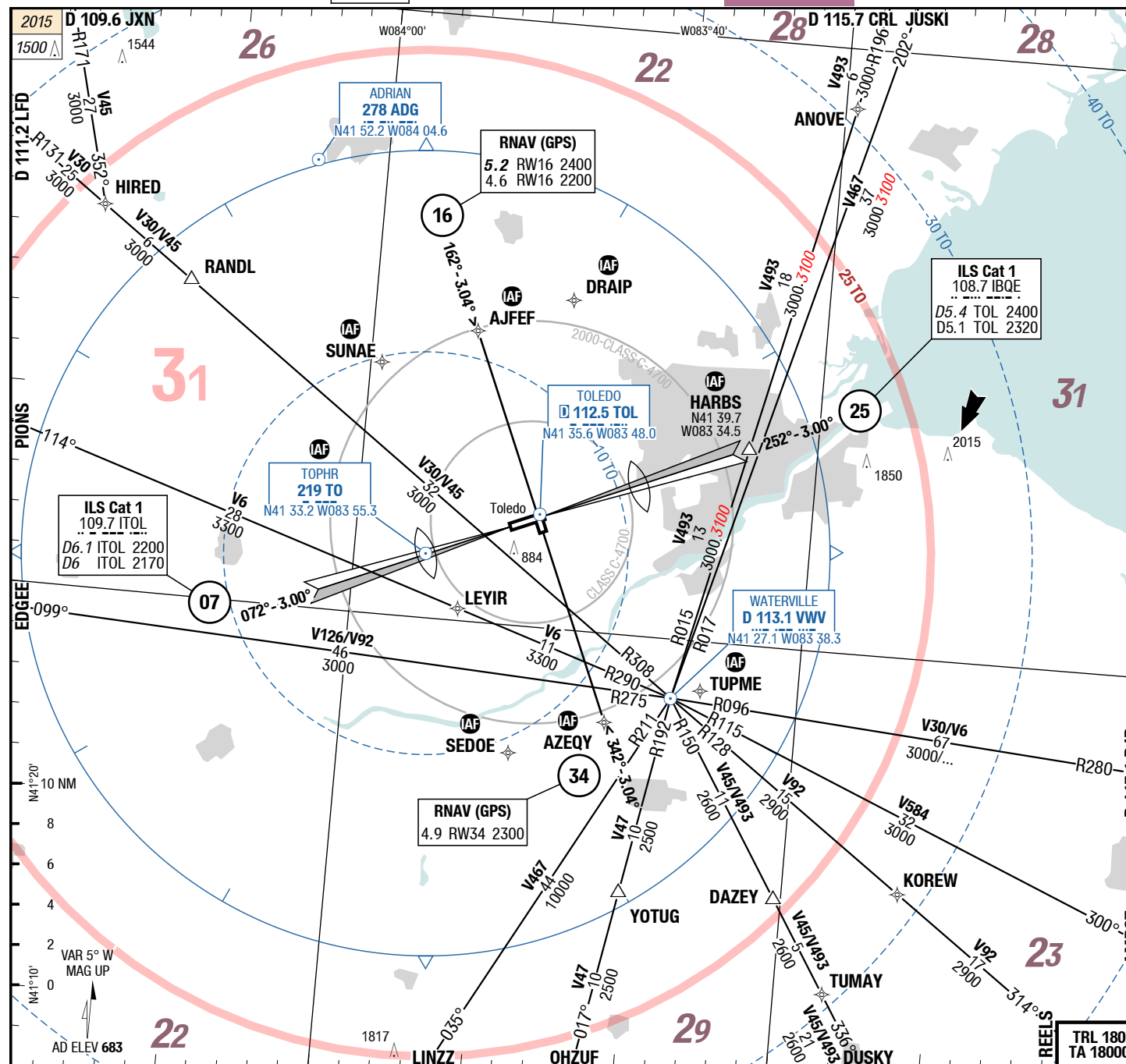
AFC

Toledo Express Toledo United States

AGC

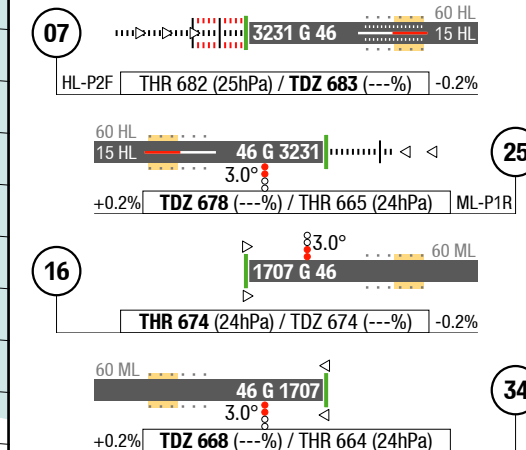
AFC

2-10



ATIS 118.750 ASOS  
APP/DEP 126.100 (000°-179°) 134.350 (180°-359°)  
123.975  
TWR 118.100  
GND 121.900  
DLV 121.750  
Unicom 122.950

Landing RWY system:



Effective 24-MAY-2018

17-MAY-2018

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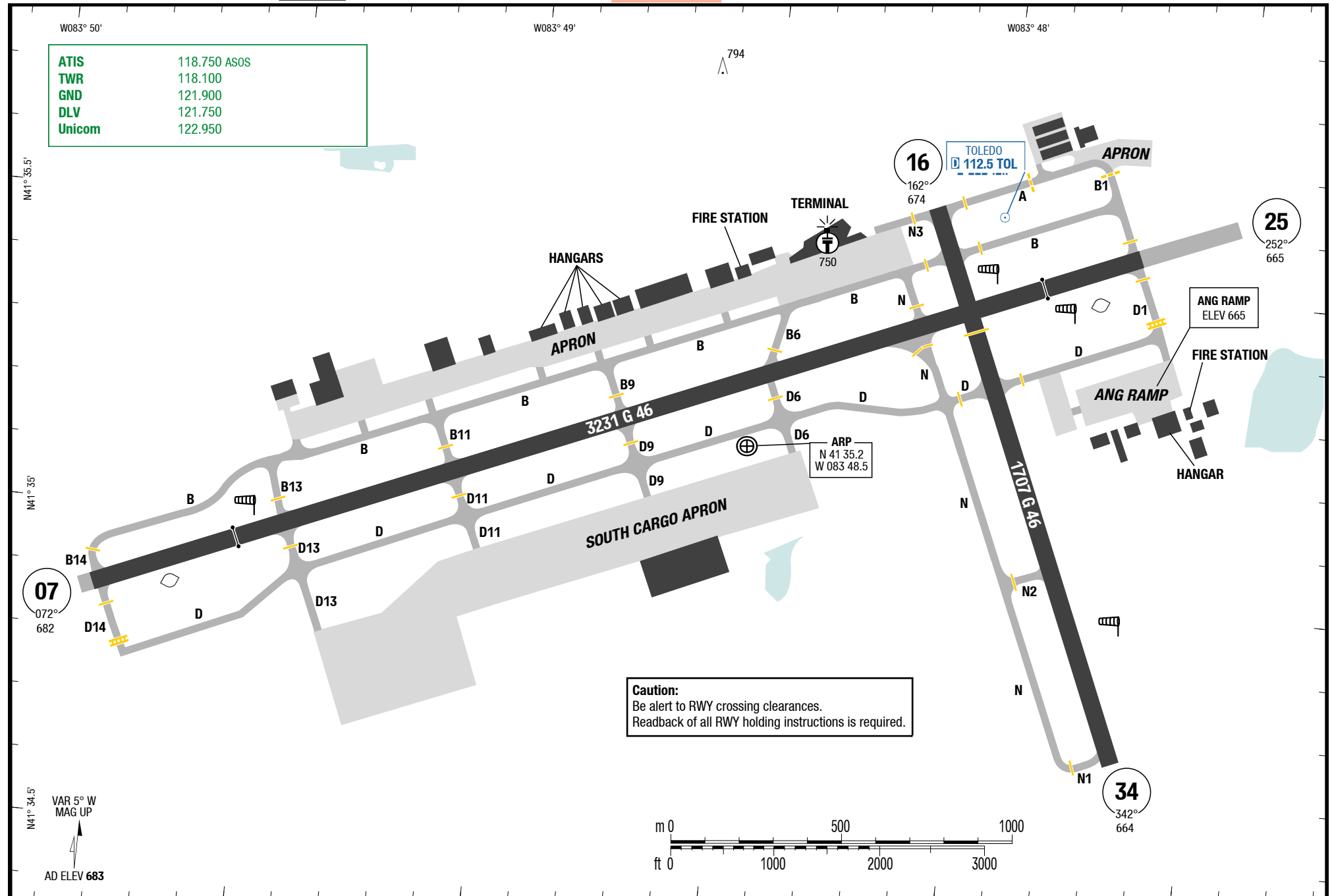
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AGC

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AGC

3-20



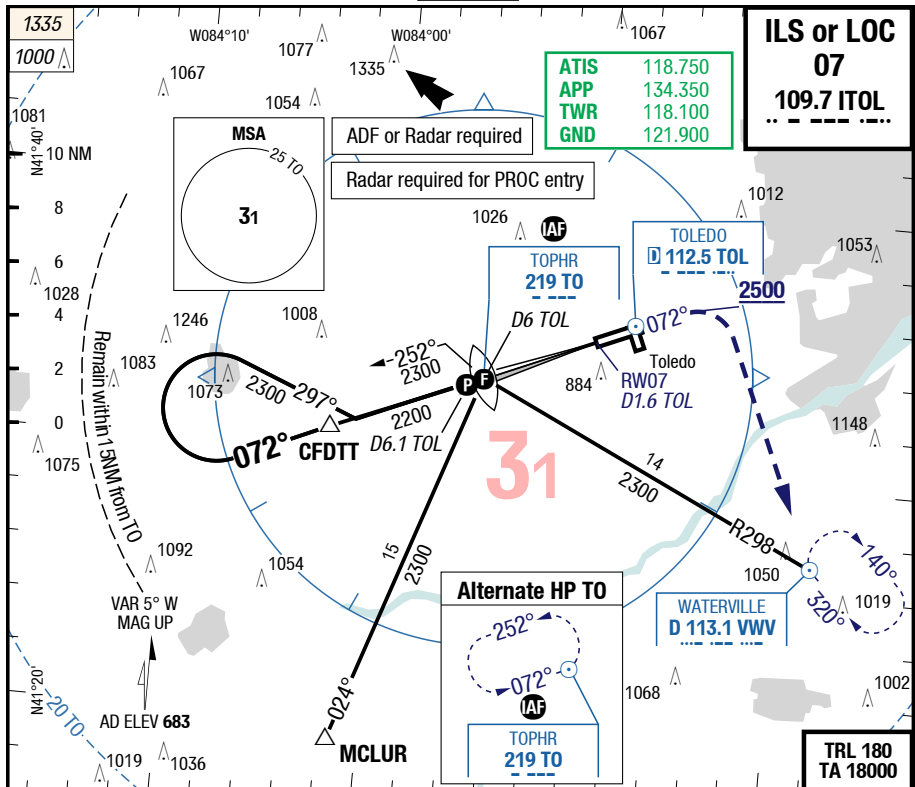
Changes: Nil

Obstacle Departure	
RWY	Routing
25	Climb runway heading to <b>1100</b> before turning.

TOL-KTOL

7-10

ILS or LOC 07



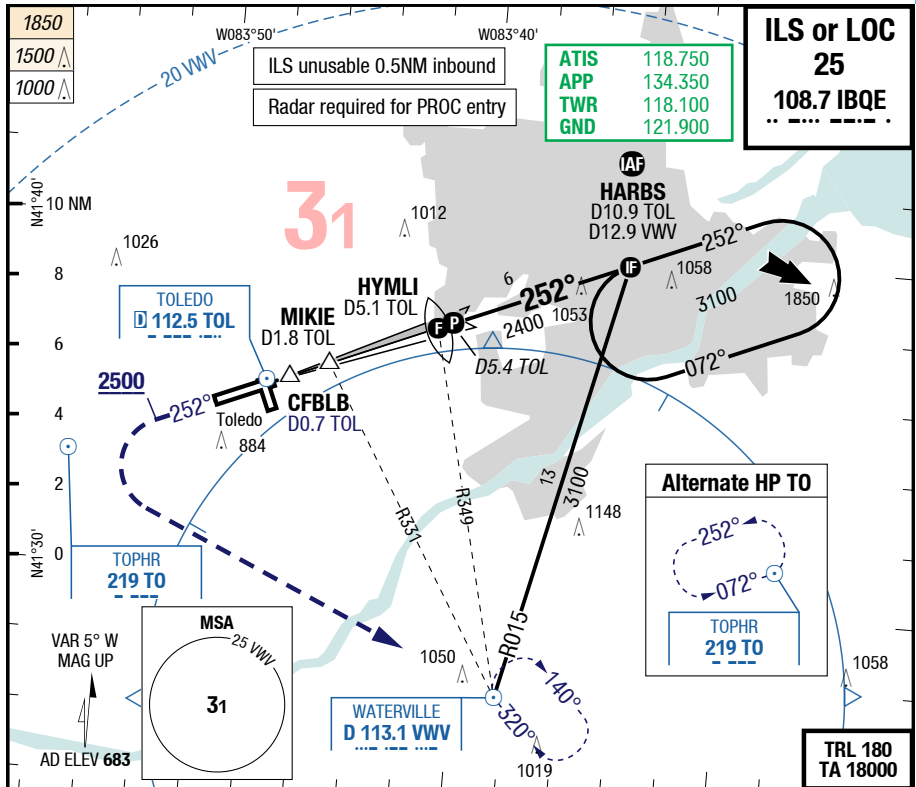
07					Circling	
Cat 1					TERPS	Circling 1)
LOC					TERPS	TERPS
SRA					TERPS	TERPS
C					680 - 2.0V	600 - 1.5V
ft - ft/SM					1360	1290
D					720 - 2.25V	700 - 2.25V
ft - ft/SM					1400	1390

1) SRA

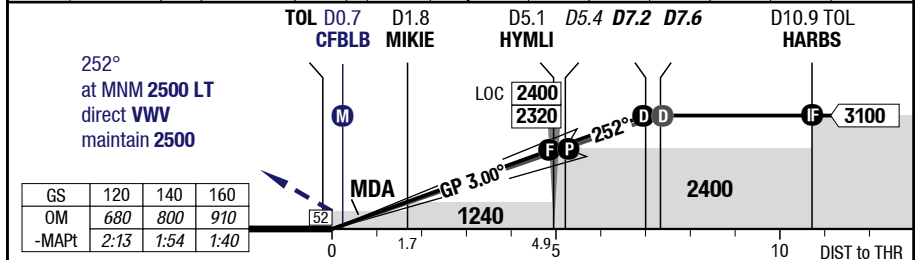
TOL-KTOL

7-20

ILS or LOC 25



60 HL	15 HL	46 G 3231	3.0°	0.2%	TDZ 678 (---%) / THR 665 (24hPa)	ML-P1R	2	3	4	5	6	7.2	LOC 3.21° D TOL
							1350	1690	2030	2370	2710	3100	



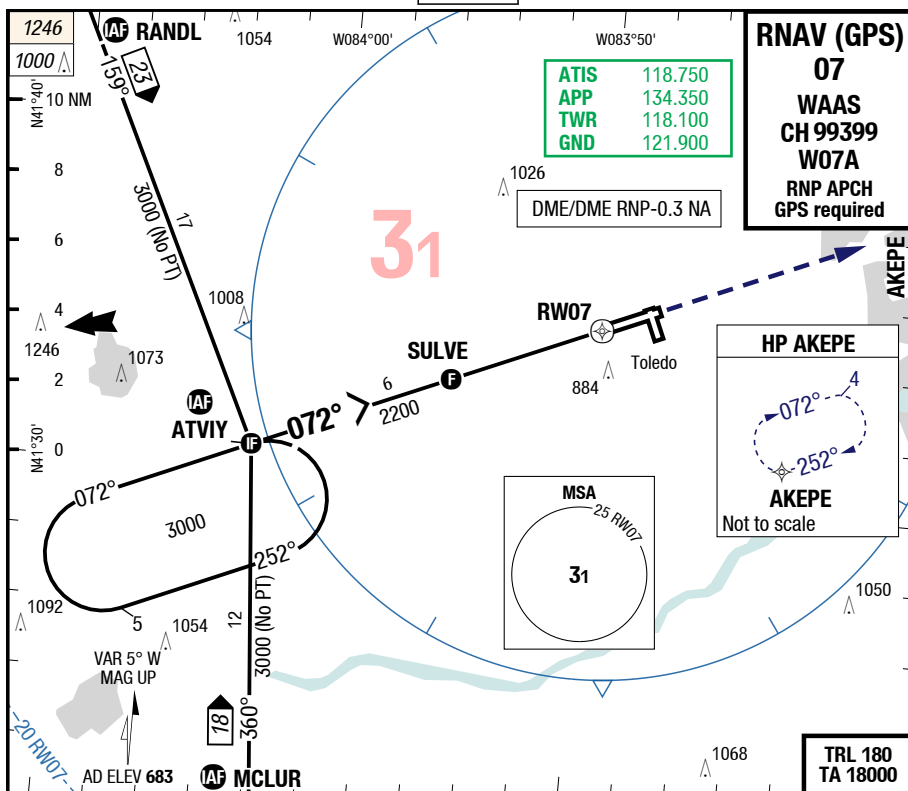
TERPS	25	Cat 1 1)	LOC	LOC wo MIKIE	LOC wo MIKIE APL U/S	Circling TERPS	Circling TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 880	350 - 3000R/0.63V 1020	570 - 1.25V 1240	570 - 1.75V 1240	680 - 2.0V 1360	600 - 1.5V 1290
D	ft - ft/SM ft	200 - 1800R/0.5V 880	350 - 3000R/0.63V 1020	570 - 1.25V 1240	570 - 1.75V 1240	720 - 2.25V 1400	700 - 2.25V 1390

1) FD or AP or HGS to DA required, else use RVR 2400ft or VIS 0.5SM

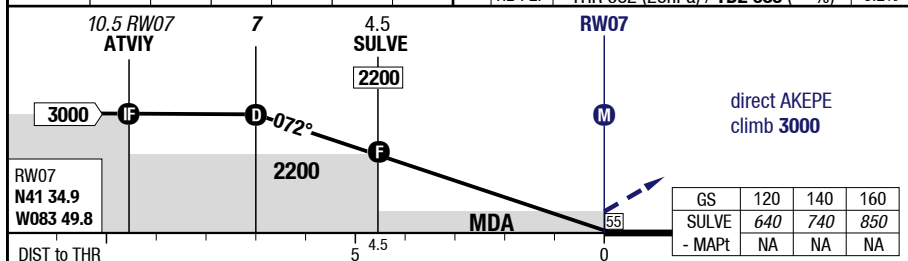
2) SRA

## RNAV (GPS) 07

7-30



3.00° RW07	7	6	5	4	3	2	
	3000	2680	2360	2030	1710	1390	



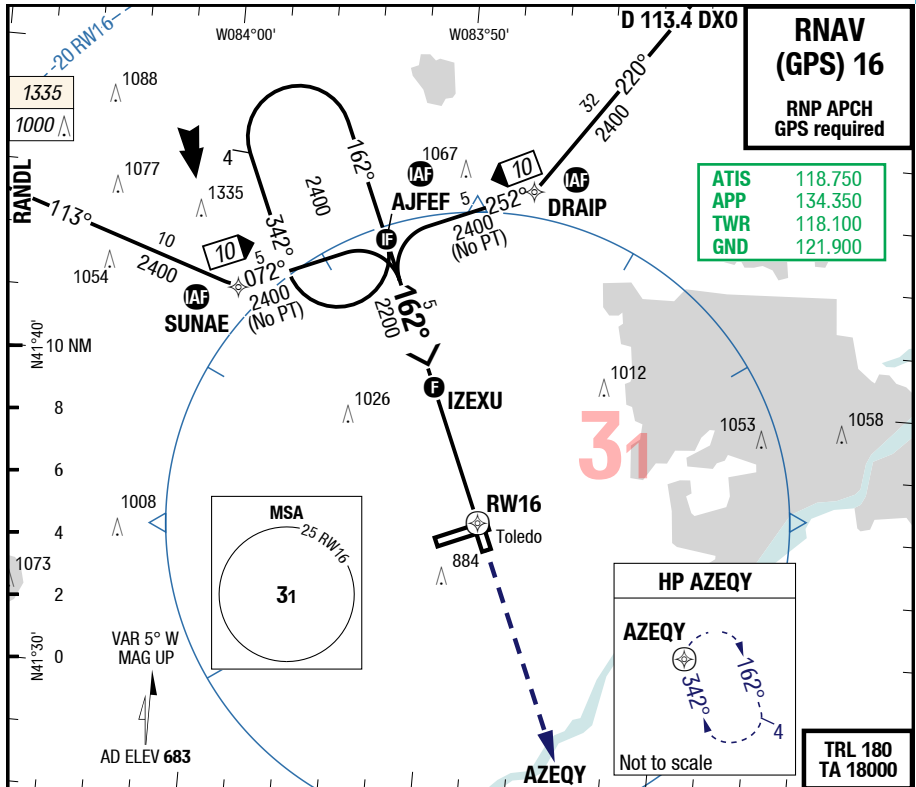
07		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV			Circling TERPS
C	ft - ft/SM ft	340 - 4000R/0.75V 1020	450 - 5000R/1.0V 1130	460 - 4500R/0.88V 1140			680 - 2.0V 1360
D	ft - ft/SM ft	340 - 4000R/0.75V 1020	450 - 5000R/1.0V 1130	460 - 5000R/1.0V 1140			720 - 2.25V 1400

1) Uncompensated BARO VNAV NA below -17°C (2°F) or above 54°C (130°F)



7-40

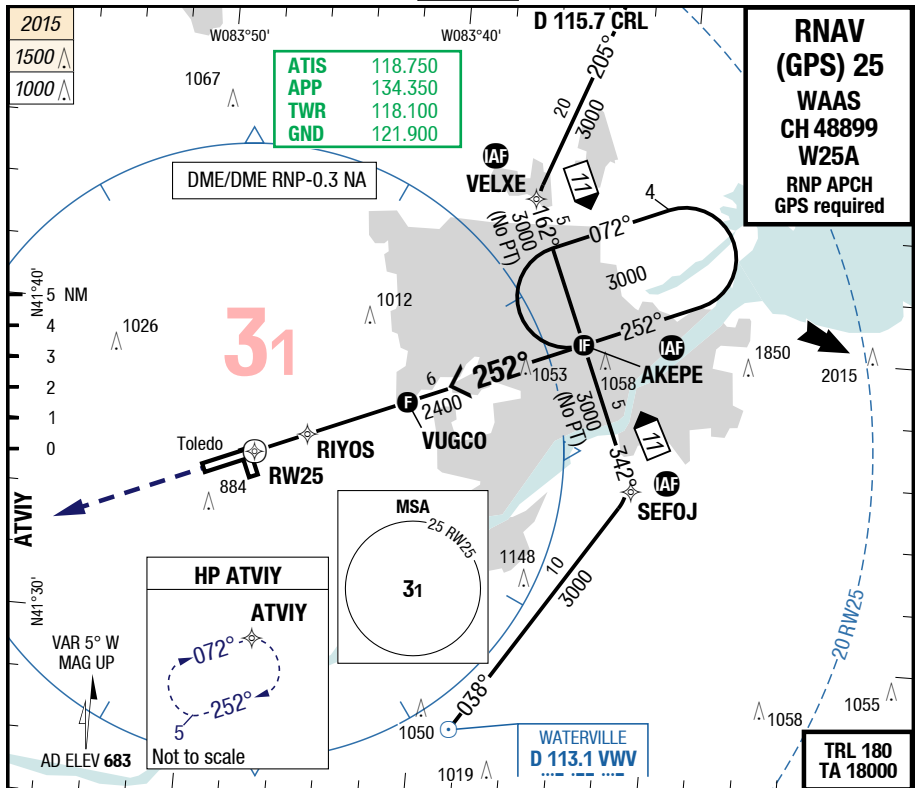
RNAV (GPS) 16



16		RNAV GPS		Circling	
TERP		LNAV		TERPS	
C	ft - ft/SM ft	390 - 1.13V 1060		680 - 2.0V 1360	
D	ft - ft/SM ft	390 - 1.25V 1060		720 - 2.25V 1400	

7-50

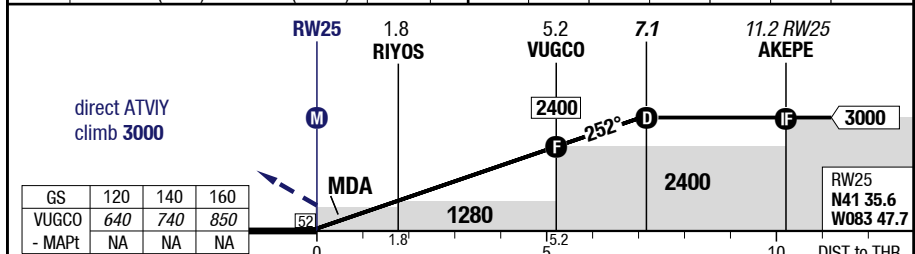
RNAV (GPS) 25



60 HL  
15 HL  
46 G 3231  
3.0°  
+0.2% TDZ 678 (---%) / THR 665 (24hPa) ML-P1R

25

2	3	4	5	6	7.1	3.00° RW25
1370	1690	2010	2340	2660	3000	



25	RNAV GPS LPV 1)	RNAV GPS VNAV 2)	RNAV GPS LNAV	RNAV GPS LNAV APL U/S	Circling NeW TERPS
C	ft - ft/SM ft 200 - 1800R/0.5V 880	390 - 5000R/1.0V 1070	370 - 3000R/0.63V 1040		680 - 2.0V 1360
D	ft - ft/SM ft 200 - 1800R/0.5V 880	390 - 5000R/1.0V 1070	370 - 5000R/1.0V 1040	370 - 6000R/1.25V 1040	720 - 2.25V 1400

1) FD or AP or HGS to DA required, else use 2400ft or 0.5SM

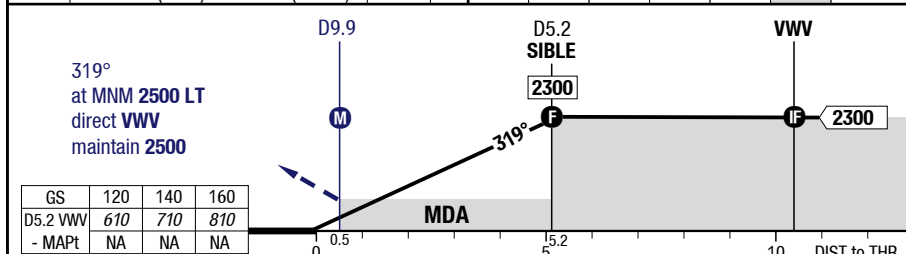
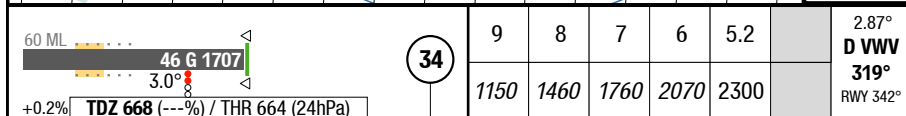
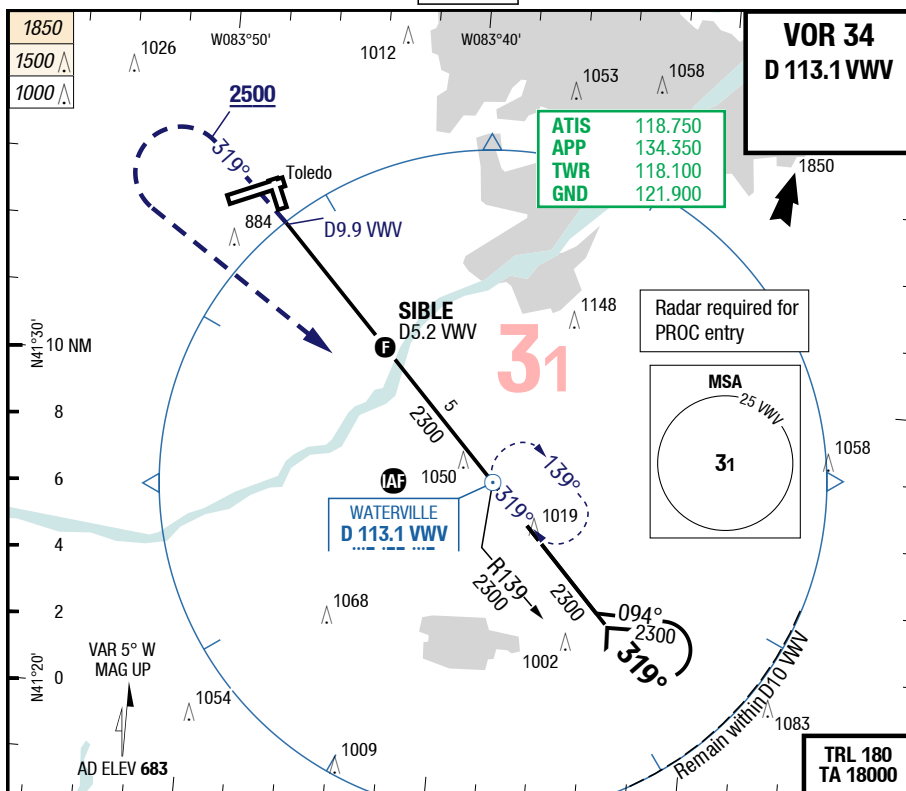
2) Uncompensated BARO VNAV NA below -17°C (2°F) or above 54°C (130°F)

## RNAV (GPS) 34



**VOR 34**

7-70



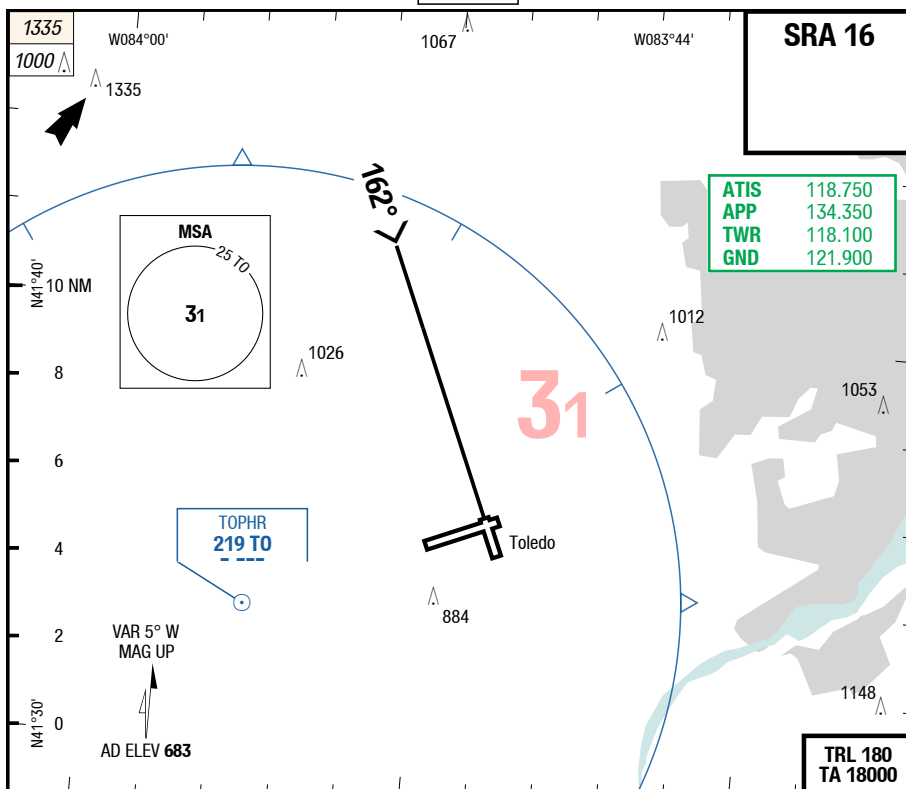
34		VOR DME	SRA			Circling TERPS	Circling TERPS
C	ft - ft/SM ft	480 - 1.38V 1140	420 - 1.25V 1080			680 - 2.0V 1360	600 - 1.5V 1290
D	ft - ft/SM ft	480 - 1.38V 1140	420 - 1.25V 1080			720 - 2.25V 1400	700 - 2.25V 1390

1) SRA

## TOL-KTOL

7-80

## SRA 16

[illegible]

<b>TERPS</b>	<b>16</b>		<b>SRA</b>					<b>Circling</b>
								<b>TERPS</b>
C	ft - ft/SM ft	390 - 1.13V <b>1060</b>						600 - 1.5V <b>1290</b>
D	ft - ft/SM ft	390 - 1.25V <b>1060</b>						700 - 2.25V <b>1390</b>

TOL-KTOL

7-90

WxMinima Overflow

TERPS25		SRA					
C	ft - ft/SM ft	370 - 0.63V 1040					
D	ft - ft/SM ft	370 - 1.0V 1040					