

GENERAL**Operational Hours****ATS Hours:** H24**AD OPS Hours:** Attended continuously**Airport Information****RFF:** FAA Index B / CAT 6; FAA Index C / CAT 7 O/R.**Fuel:** Jet A**PCN:** RWY 06/24: 45/R/C/X/T
RWY 10L/28R: 70/F/B/Y/U
RWY 10R/28L: 90/R/B/W/T**Operation****Traffic Notes**

INTL ARR accepted up to 200 PAX.

Low Level Windshear Alert System (LLWAS) in operation.

RWY Restriction

RWY 10L/28R CLSD daily SS-SR, not AVBL to air carrier OPS.

RWY 06/24 AVBL for taxiing only.

TWY Restriction

TWY G, C (southwest of transient ramp) MAX wingspan 28m / 94ft.

Warnings**LAN VOR** unusable: R102-R158 below 5000ft.

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR.**Arrival Procedure****Non-standard GP intercept position on****RWY 10R**GP intercepts RWY 10R at *326m / 1069ft* after landing threshold.Remaining LDG DIST beyond GP is *2258m / 7408ft*.**RWY 28L**GP intercepts RWY 28L at *308m / 1011ft* after landing threshold.Remaining LDG DIST beyond GP is *2285m / 7495ft*.**Warnings****I-CPQ ILS RWY 10R** unusable beyond 25° left and right of course.

DEPARTURE**Take-off Minima**

RWY		10R/28L	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0v	-
3+4 ENG		0 - 2400R/0.5v	-
RWY		06/24	
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.

Effective 01-FEB-2018

25-JAN-2018

LAN-KLAN

United States **Lansing** Capital Region Intl

AGC

AFC

AFC

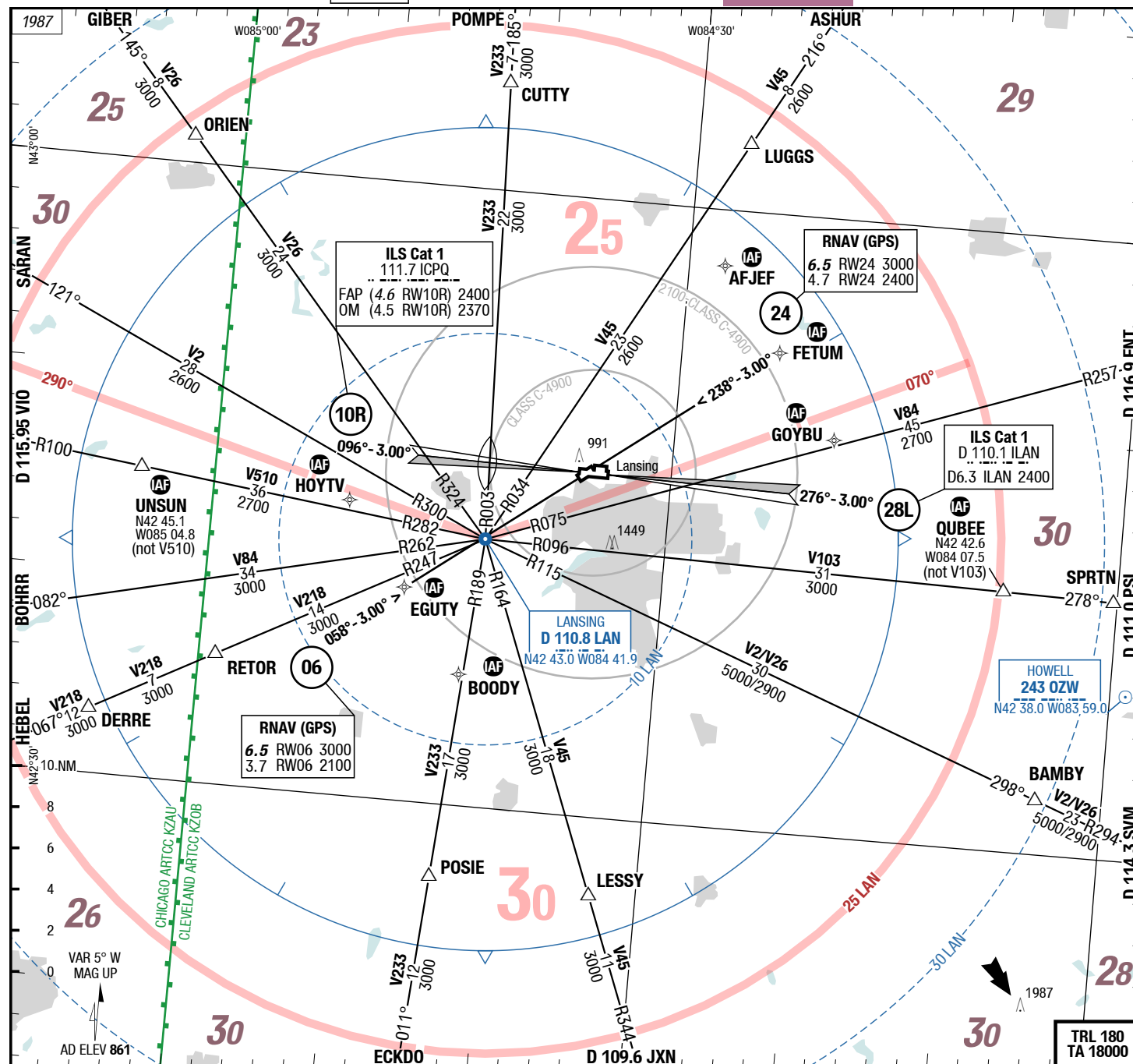
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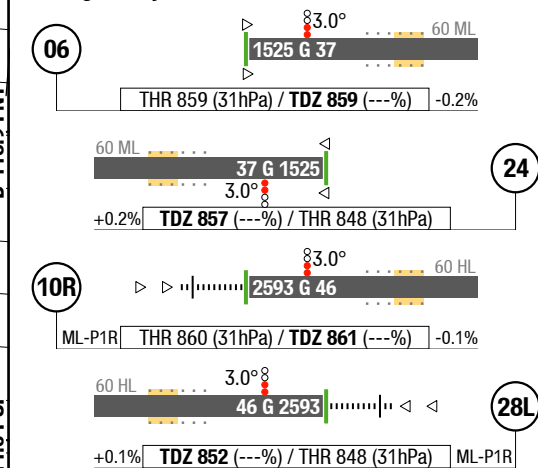
Capital Region Intl **Lansing** United States

2-10



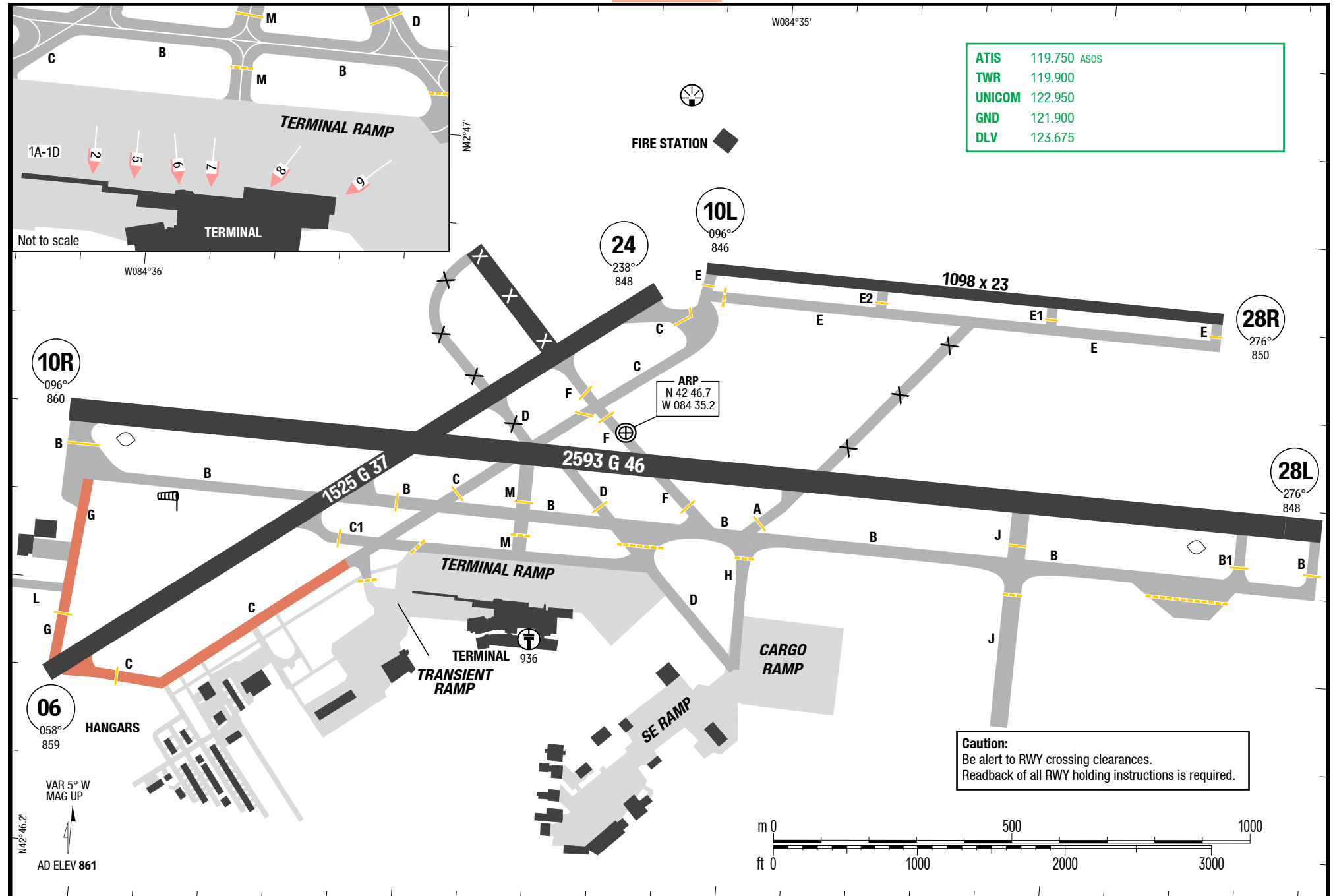
ATIS 119.750 ASOS
APP 133.475 N
118.650 S
DEP 133.475 N
118.650 S
TWR 119.900
UNICOM 122.950
GND 121.900
RCO 122.200
DLV 123.675

Landing RWY system:



Changes: MGA, ALT, WPT, THR ELEV, OBST, AWY

3-20



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5-10

Obstacle Departure 1

Obstacle Departure	
RWY	Routing
06	Climb runway heading to 1500 before turning southeast.
10L	Climb runway heading to 2000 before turning south.
10R	Climb runway heading to 2000 before turning south.
24	Climb runway heading to 1500 before turning southeast.
28L	Climb runway heading to 1500 before turning southeast.
28R	Climb runway heading to 1500 before turning southeast.
RWY	Notes
06	Trees beginning 1441ft from DER, 321ft left of centerline, up to 102ft AGL/942ft MSL. Trees beginning 2536ft from DER, 7ft right of centerline, up to 107ft AGL/947ft MSL. Trees beginning 2711ft from DER, 126ft left of centerline, up to 107ft AGL/956ft MSL.
10L	Tree 350ft from DER, 394ft left of centerline, 86ft AGL/916ft MSL. Fence 525ft from DER, 148ft right of centerline, 17ft AGL/864ft MSL. Trees beginning 883ft from DER, 198ft left of centerline, up to 90ft AGL/920ft MSL. Trees beginning 1698ft from DER, 368ft right of centerline, up to 104ft AGL/934ft MSL.
10R	Pole 111ft from DER, 290ft right of centerline, 41ft AGL/871ft MSL. MALSR 155ft from DER, 4ft right of centerline, 18ft AGL/866ft MSL. Pole 575ft from DER, 290ft right of centerline, 35ft AGL/865ft MSL. Trees beginning 700ft from DER, 551ft right of centerline, up to 84ft AGL/924ft MSL. Trees beginning 1077ft from DER, 599ft left of centerline, up to 98ft AGL/928ft MSL. Trees beginning 1831ft from DER, left and right of centerline, up to 92ft AGL/956ft MSL.

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Obstacle Departure	
RWY	Notes
24	<p>Trees beginning 549ft from DER, 114ft left of centerline, up to 68ft AGL/918ft MSL.</p> <p>Poles beginning 830ft from DER, 358ft left of centerline, up to 41ft AGL/893ft MSL.</p> <p>Trees beginning 1107ft from DER, 81ft right of centerline, up to 89ft AGL/919ft MSL.</p> <p>Trees beginning 1271ft from DER, 386ft left of centerline, up to 104ft AGL/937ft MSL.</p>
28L	<p>Trees beginning 1690ft from DER, 862ft right of centerline, up to 83ft AGL/923ft MSL.</p> <p>Trees beginning 1782ft from DER, 786ft left of centerline, up to 100ft AGL/959ft MSL.</p>
28R	<p>Rod on ASR 987ft from DER, 516ft right of centerline, 104ft AGL/954ft MSL.</p> <p>Trees beginning 1853ft from DER, 902ft right of centerline, up to 100ft AGL/939ft MSL.</p> <p>Tree 2209ft from DER, 221ft left of centerline, 79ft AGL/919ft MSL.</p>

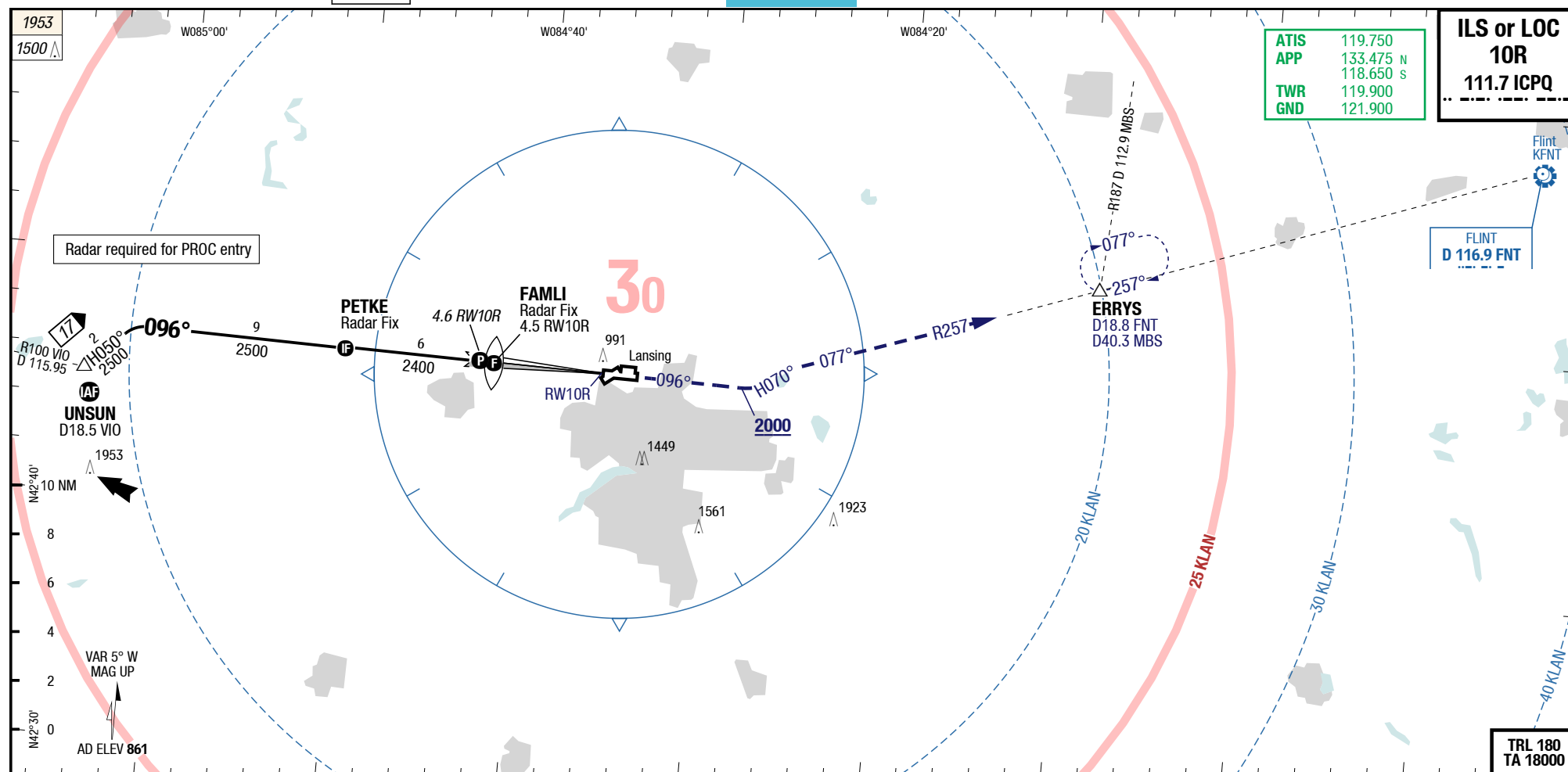
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ILS or LOC 10R

IAC

IAC

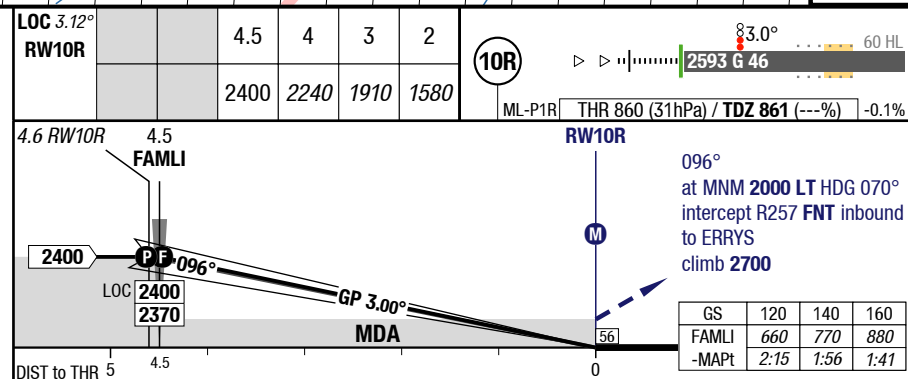
ILS or LOC 10R



10R		Cat 1 1)	LOC	SRA	Circling 2) TERPS	Circling 2) 3) TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 1070	480 - 5000R/1.0V 1340	400 - 3500R/0.63V 1260	740 - 2.0V 1600	600 - 1.5V 1470
D	ft - ft/SM ft	200 - 1800R/0.5V 1070	480 - 5000R/1.0V 1340	400 - 5000R/1.0V 1260	900 - 3.0V 1760	700 - 2.25V 1570

2) To RWY 10L/28R HJ only

3) SRA



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Changes: MIN, MSA, WPT , OBST, Note, AMDT No

AMDT 11B

Effective 01-FEB-2018

25-JAN-2018

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7-20

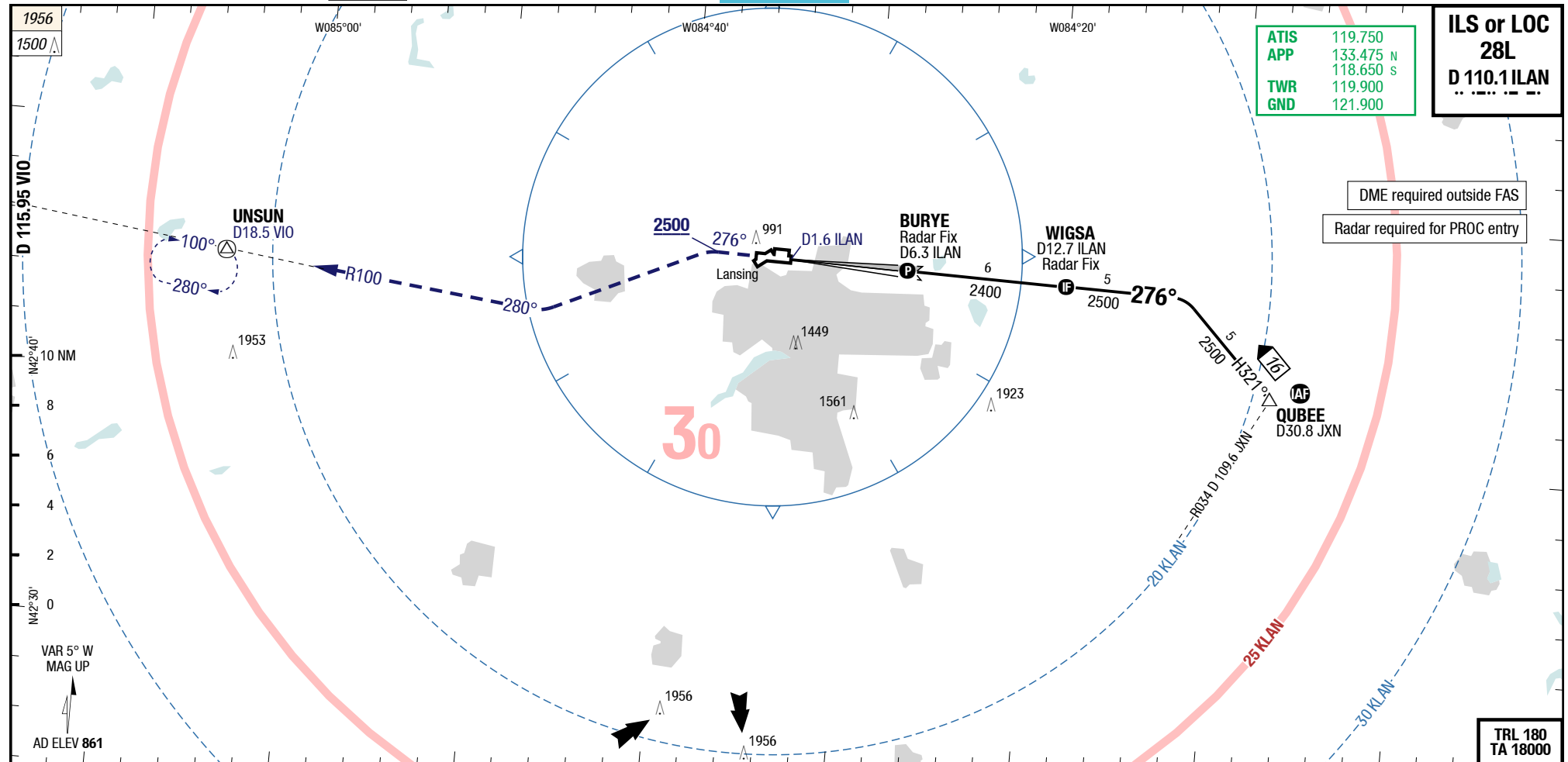
ILS or LOC 28L

IAC

IAC

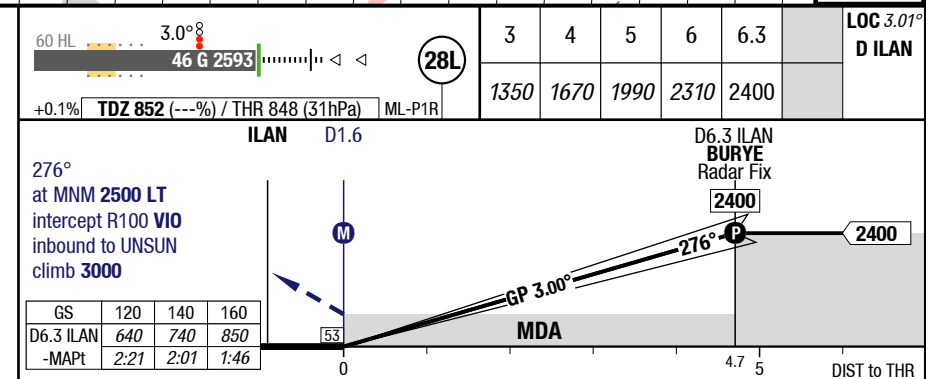
Capital Region Intl **Lansing** United States

ILS or LOC 28L



28L		Cat 1 ¹⁾	LOC	SRA	Circling ²⁾ TERPS		Circling ^{2) 3)} TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 1060	450 - 4500R/0.88V 1300	470 - 5000R/1.0V 1320	740 - 2.0V 1600	600 - 1.5V 1470	
D	ft - ft/SM ft	200 - 1800R/0.5V 1060	450 - 4500R/0.88V 1300	470 - 5000R/1.0V 1320	900 - 3.0V 1760	700 - 2.25V 1570	

1) FD or AP or HGS to DA required, else use 2400ft or 0.5SM
2) To RWY 10L/28R HJ only
3) SRA



Changes: MIN, MSA, WPT, OBST, Note, AMDT No

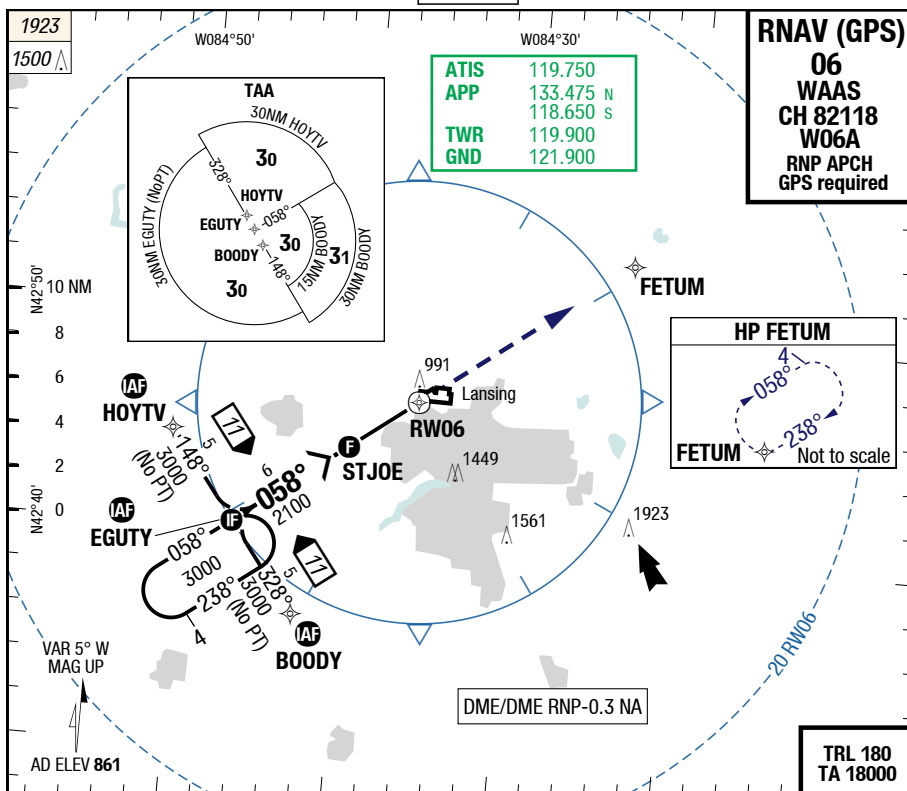
AMDT 27C

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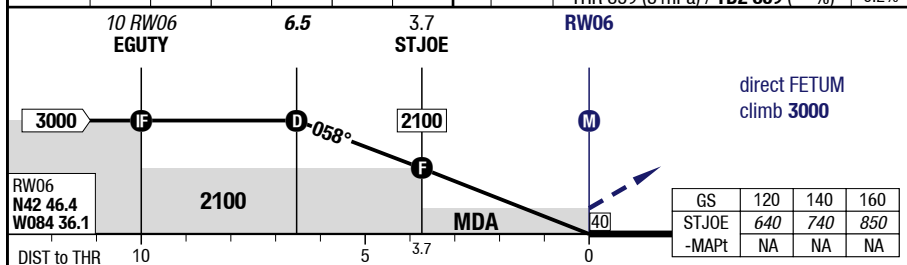
7-30

RNAV (GPS) 06



3.00° RW06	6.5	6	5	4	3	2	06	
	3000	2830	2510	2190	1860	1540		

THR 859 (31hPa) / **TDZ 859** (---%) -0.2%

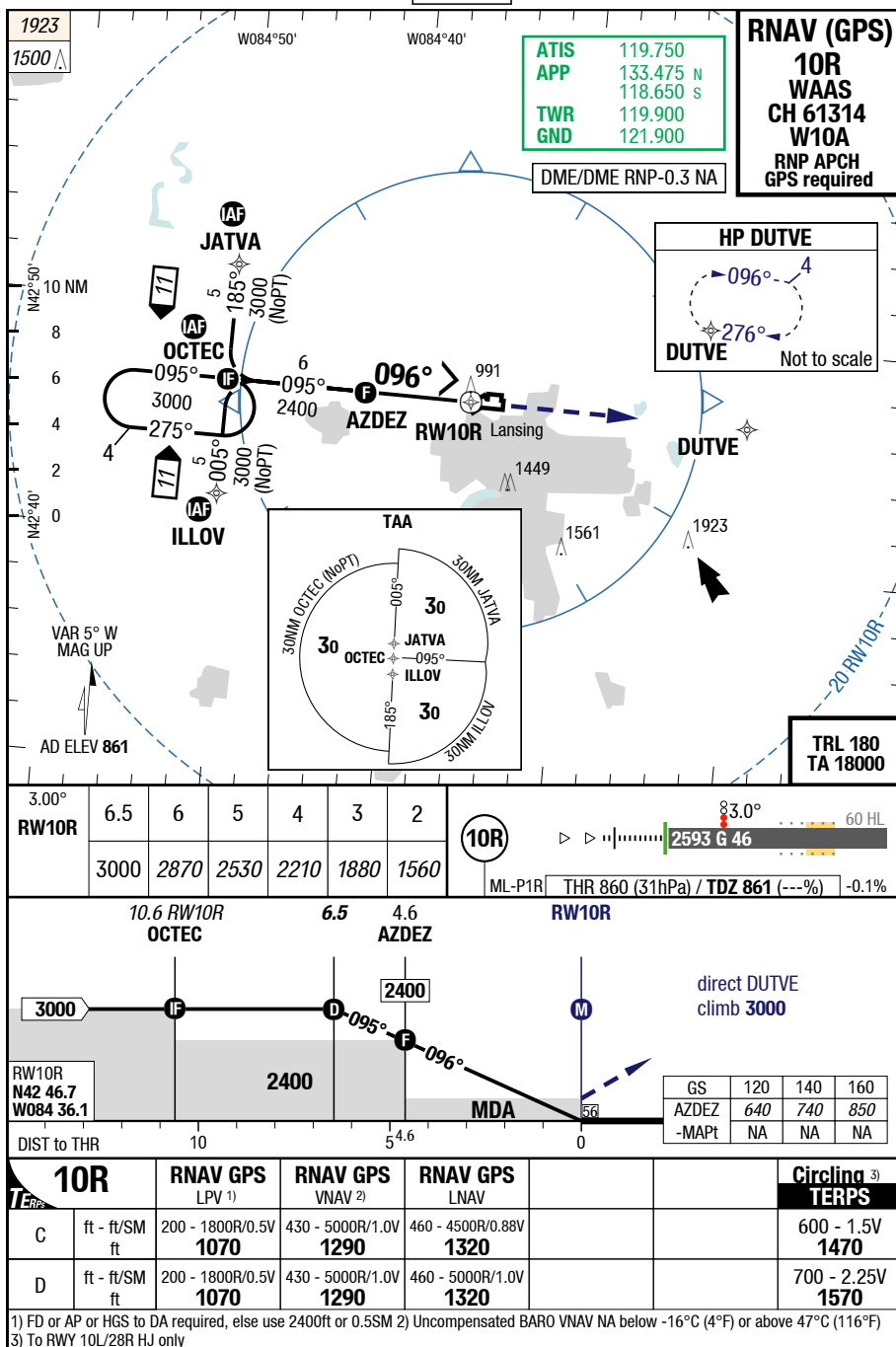


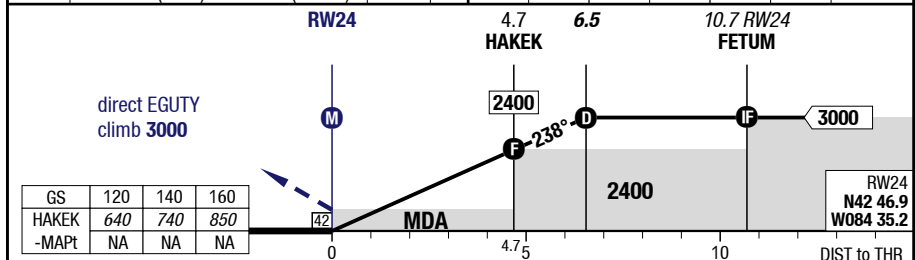
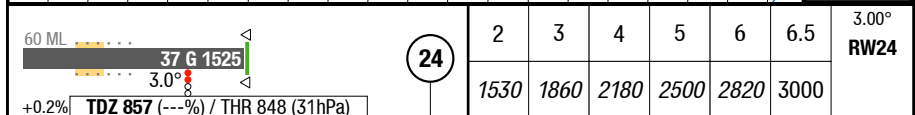
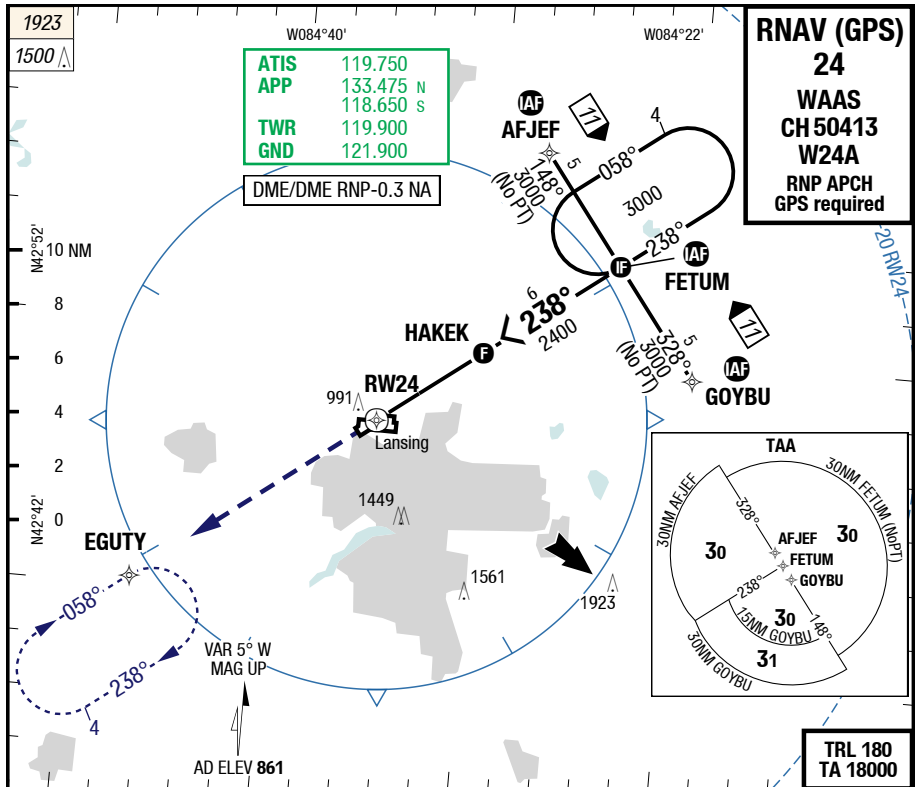
06		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV	SRA	Circling ²⁾ TERPS	Circling ^{2) 3)} TERPS
C	ft - ft/SM ft	290 - 1.0V 1140	480 - 1.75V 1340	490 - 1.38V 1340	470 - 1.38V 1320	600 - 1.75V 1470	600 - 1.5V 1470
D	ft - ft/SM ft	290 - 1.0V 1140	480 - 1.75V 1340	490 - 1.5V 1340	470 - 1.5V 1320	700 - 2.25V 1570	700 - 2.25V 1570

1) Uncompensated BARO VNAV NA below -16°C (4°F) or above 46°C (114°F) 2) To RWY 10L/28R HJ only 3) SRA

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7-40

RNAV (GPS) 10R

LAN-KLAN**7-50****RNAV (GPS) 24**

24	T _{Enr}	RNAV GPS LPV		RNAV GPS VNAV 1)		RNAV GPS LNAV		SRA	Circling 2)
		ft - ft/SM	ft	ft - ft/SM	ft	ft - ft/SM	ft		
C		360 - 1.25V	1220	400 - 1.5V	1260	390 - 1.13V	1240	410 - 1.25V	600 - 1.5V
								1260	1470
D		360 - 1.25V	1220	400 - 1.5V	1260	390 - 1.25V	1240	410 - 1.25V	700 - 2.25V
								1260	1570

1) Uncompensated BARO VNAV NA below -16°C (4°F) or above 47°C (116°F)

2) To RWY 10L/28R HJ only

Changes: MIN, OBST

Orig

LAN-KLAN**7-60****RNAV (GPS) 28L**