

**GENERAL****Operational Hours**

**ATS Hours:** TWR 1400-0300 $\pm$ , use CTAF outside TWR OPS hours.

**AD OPS Hours:** Attended 1200-0400 $\pm$ .

**Airport Information**

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

**Fuel:** Jet A, A+ 1200-0400 $\pm$ , other times PPR or O/R

**PCN:** O/R

**Operation****Traffic Notes**

RWY and APCH lights are turned off when TWR CLSD, thereafter activation by CTAF.

PPR 24HR for non-scheduled flights with more than 30 PAX seats.

**RWY Restriction**

RWY 04/22 day VFR operations only and prohibited for ACFT with more than 30 PAX seats.

**TWY Restriction**

TWY E south of RWY 10/28 prohibited for ACFT with more than 30 PAX seats.

**Warnings**

**CLL VOR** unusable:

R024-R034 beyond 20NM.

R024-R034 below 4000ft.

R131-R142 below 7000ft.

R152-R189 below 7000ft.

**TNV VOR** unusable:

R086-R145 beyond 18NM below 6000ft.

PAEW adjacent all TWYs 1200-2200 $\pm$ .

AD surface conditions unmonitored MON-FRI and SAT-SUN 2300-1100 $\pm$ .

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication**

**COM Failure:** See CRAR.

**Arrival Procedure****Non-standard GP Intercept Position on RWY 34**

GP intercepts RWY 34 at 343m / 1125ft after landing threshold.

Remaining LDG DIST beyond GP is 1791m / 5875ft.

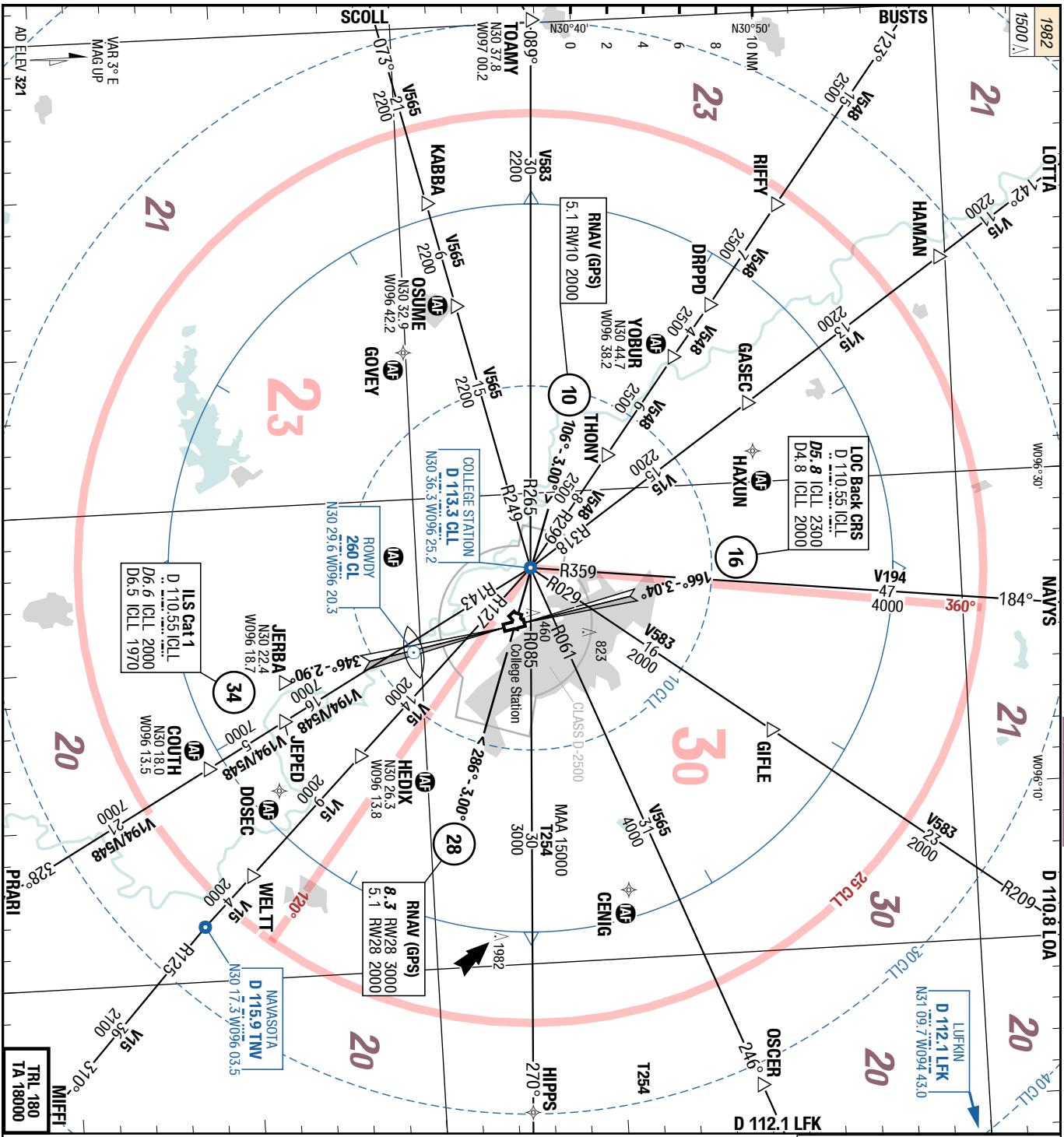
**DEPARTURE****Take-off Minima**

RWY		10/28, 16/34	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-
RWY		22	
1+2 ENG	ft - ft/SM	0 - 1.0V	JAA operators HJ only
3+4 ENG		0 - 0.5V	
RWY		04	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 4.0% up to 700 JAA operators HJ only
3+4 ENG		0 - 0.5V	

**Speed**

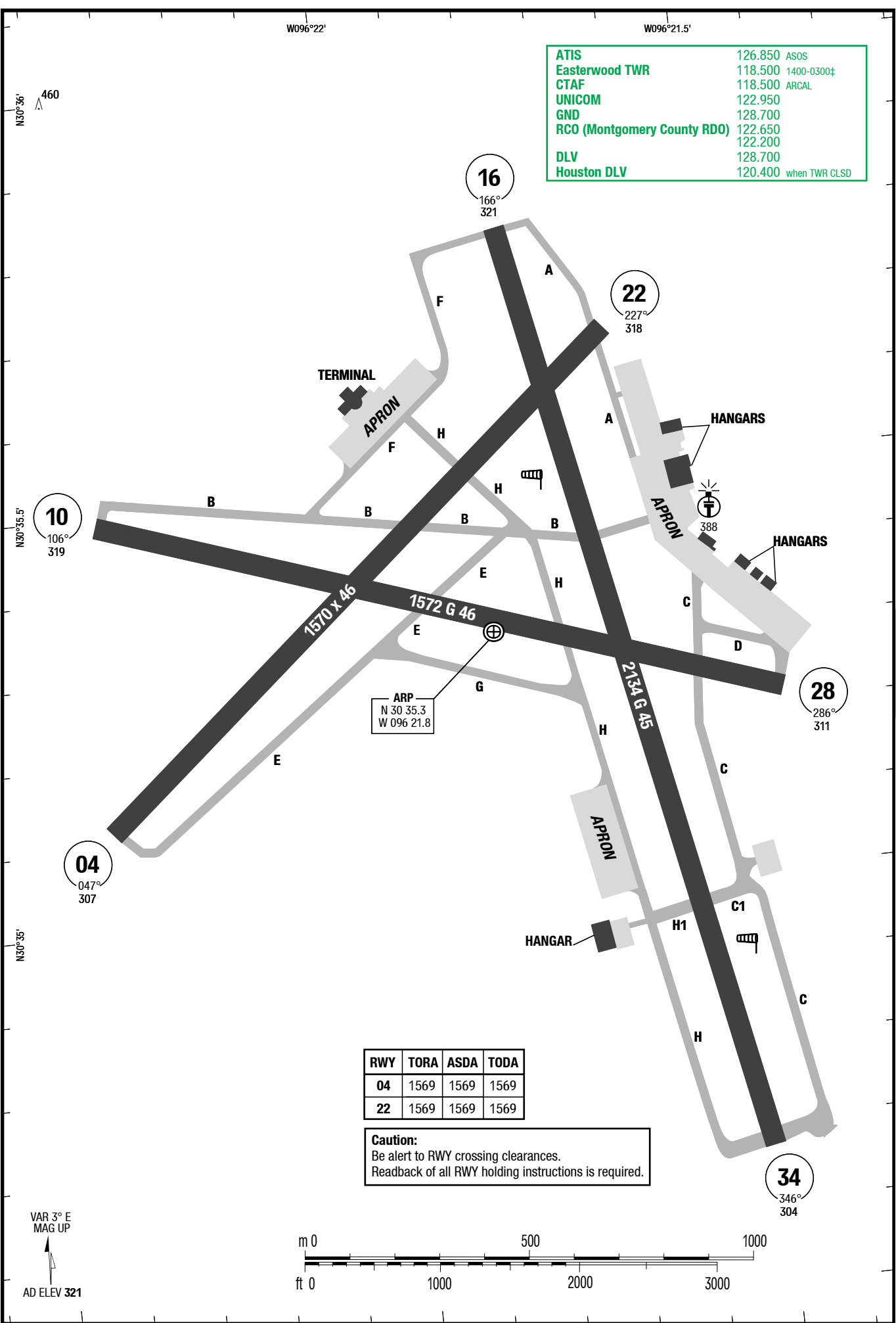
MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.



ATIS	126.850	ASOS
Houston APP	134.300	
Houston DEP	134.300	
Easterwood TWR	118.500	1400-0500Z
CTAF	118.500	ARCAL
UNICOM	122.950	
GND	128.700	
RCO (Montgomery County RDO)	122.650	
	122.200	
DLV	128.700	
Houston DLV	120.400	when TWR CLSD

Landing RWY system:	
04	1569 x 46
10	THR 307 (11hPa) / TDZ 315 (---%) +0.2%
22	46 x 1569
	-0.2% TDZ 319 (---%) / THR 318 (12hPa)
28	46 G 1572
	3.0° 3.0°
	60 ML
16	THR 319 (12hPa) / TDZ 319 (---%) -0.2%
	46 G 1572
	3.0° 3.0°
	60 ML
34	THR 321 (12hPa) / TDZ 321 (---%) -0.2%
	2134 G 45
	3.0°
	60 HL
	45 G 2134
	3.0°
	60 HL
	+0.2% TDZ 311 (---%) / THR 304 (11hPa) ML-P1R



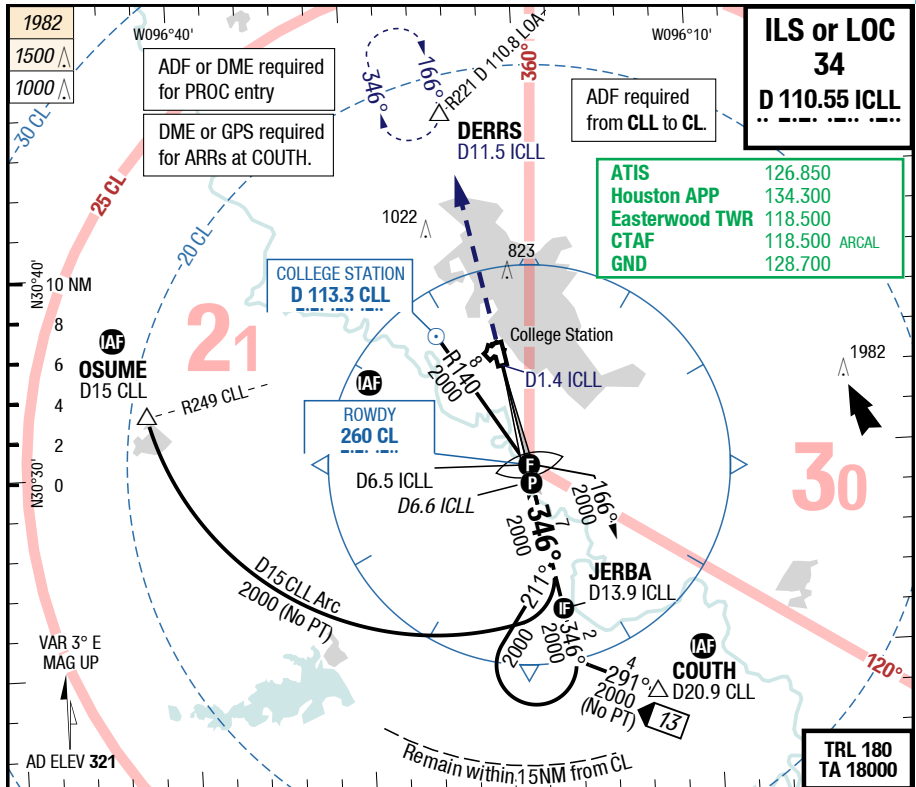
Obstacle Departure	
RWY	Routing
34	HDG 346° to <b>900</b> before <b>RT</b>
RWY	Notes
04	Trees beginning 187ft from DER, 424ft right of centerline, up to 45ft AGL/345ft MSL. Trees beginning 411ft from DER, 105ft right of centerline, up to 350ft MSL. Trees beginning 720ft from DER, 389ft left of centerline, up to 340ft MSL. Tree 766ft from DER, 121ft left of centerline, 341ft MSL. Tree 1094ft from DER, 659ft left of centerline, 346ft MSL. Building 1.3NM from DER, 210ft left of centerline, 543ft MSL. Building 1.3NM from DER, 195ft left of centerline, 547ft MSL. Building, tower beginning 1.3NM from DER, 256ft left of centerline, up to 214ft AGL/564ft MSL. Pole 1.4NM from DER, 9ft right of centerline, 545ft MSL. Pole 1.4NM from DER, 365ft left of centerline, 545ft MSL.
10	Traverse way 5ft from DER, 275ft right of centerline, 322ft MSL. Tree 8ft from DER, 497ft right of centerline, 40ft AGL/346ft MSL. Tree 10ft from DER, 323ft right of centerline, 39ft AGL/347ft MSL. Pole 10ft from DER, 55ft left of centerline, 2ft AGL/312ft MSL. Tree, traverse way beginning 44ft from DER, 162ft right of centerline, up to 44ft AGL/352ft MSL. Electrical system 139ft from DER, 498ft left of centerline, 315ft MSL. Tree 496ft from DER, 30ft left of centerline, 42ft AGL/325ft MSL. Trees beginning 497ft from DER, 101ft left of centerline, up to 331ft MSL. Elevator, building beginning 1888ft from DER, 704ft left of centerline, up to 64ft AGL/366ft MSL. Transmission line 2483ft from DER, 1148ft left of centerline, 374ft MSL.
22	Trees beginning 108ft from DER, 288ft right of centerline, up to 341ft MSL. Trees beginning 124ft from DER, 9ft left of centerline, up to 341ft MSL.
28	Pole 11ft from DER, 55ft right of centerline, 1ft AGL/320ft MSL. Tree 30ft from DER, 414ft left of centerline, 322ft MSL. Tree 135ft from DER, 530ft left of centerline, 343ft MSL. Trees beginning 305ft from DER, 533ft left of centerline, up to 361ft MSL. Trees beginning 536ft from DER, 561ft right of centerline, up to 346ft MSL. Tree 838ft from DER, 665ft right of centerline, 348ft MSL. Trees beginning 1010ft from DER, 371ft left of centerline, up to 362ft MSL. Pole beginning 1083ft from DER, 692ft right of centerline, up to 358ft MSL. Trees beginning 1174ft from DER, 244ft left of centerline, up to 363ft MSL. Tree, pole beginning 1257ft from DER, 251ft left of centerline, up to 365ft MSL. Trees beginning 1429ft from DER, 420ft right of centerline, up to 366ft MSL. Trees beginning 1542ft from DER, 528ft right of centerline, up to 370ft MSL. Pole beginning 1735ft from DER, 278ft left of centerline, up to 42ft AGL/367ft MSL. Trees beginning 1865ft from DER, 87ft right of centerline, up to 379ft MSL. Tree, pole beginning 1879ft from DER, 37ft left of centerline, up to 49ft AGL/369ft MSL. Trees beginning 1945ft from DER, 65ft left of centerline, up to 48ft AGL/371ft MSL. Tree 2059ft from DER, 378ft left of centerline, 372ft MSL.

Obstacle Departure	
RWY	Notes
34	Pole 11ft from DER, 55ft left of centerline, 1ft AGL/321ft MSL. Sign 23ft from DER, 251ft left of centerline, 322ft MSL. Tree 232ft from DER, 552ft left of centerline, 38ft AGL/361ft MSL. Trees beginning 297ft from DER, 460ft left of centerline, up to 41ft AGL/364ft MSL. Tree 774ft from DER, 598ft right of centerline, 341ft MSL. Tree 808ft from DER, 607ft right of centerline, 349ft MSL. Tree, building beginning 883ft from DER, 235ft left of centerline, up to 366ft MSL. Tree 1085ft from DER, 649ft right of centerline, 355ft MSL. Tree 1181ft from DER, 719ft right of centerline, 356ft MSL. Pole 1552ft from DER, 818ft left of centerline, 376ft MSL. Trees beginning 1740ft from DER, 751ft left of centerline, up to 380ft MSL.

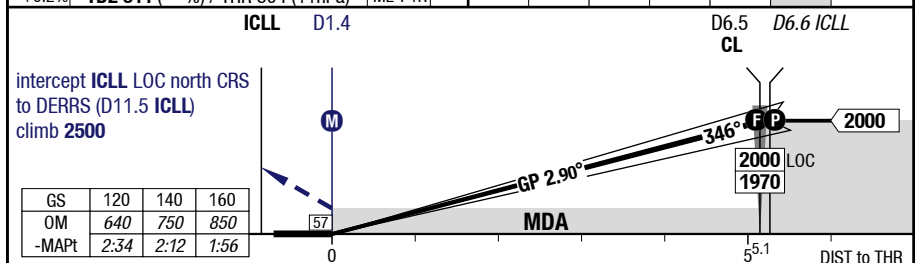
# CLL-KCLL

7-10

ILS or LOC 34



60 HL	45 G 2134	3	4	5	6	6.5	LOC 3.02°
+0.2%	TDZ 311 (---%) / THR 304 (11hPa)	880	1200	1520	1850	2000	D ICLL
ICLL D1.4							



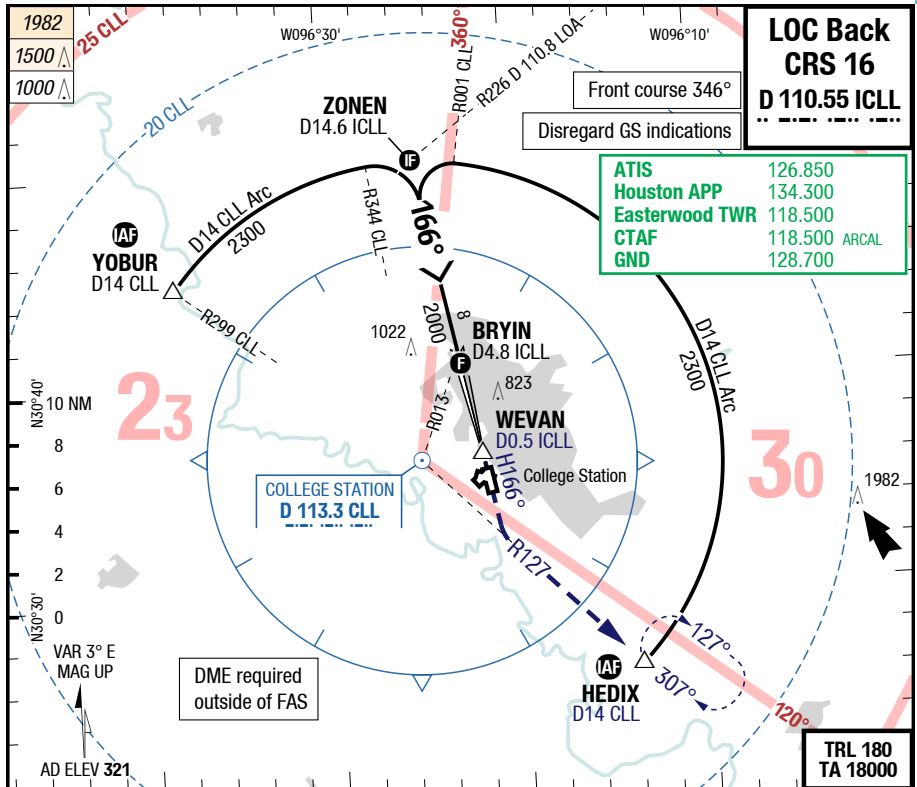
34		Cat 1	LOC				Circling
TERPS		1)					Ne TERPS
C	ft - ft/SM ft	200 - 0.5V 520	450 - 0.88V 760				680 - 2.0V 1000
D	ft - ft/SM ft	200 - 0.5V 520	450 - 0.88V 760				860 - 2.75V 1180

1) Autopilot coupled APCH NA below 1050ft MSL

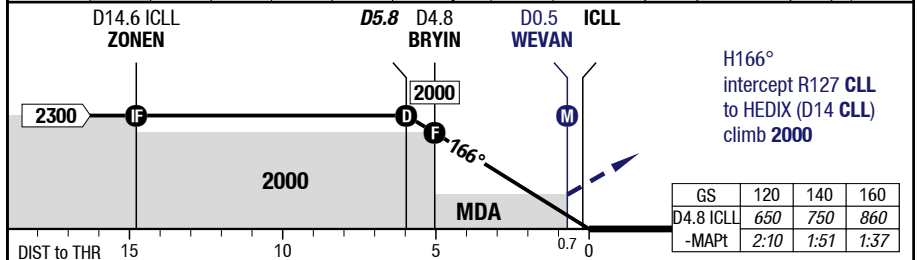
CLL-KCLL

7-20

LOC Back CRS 16



3.04° D ICLL	5.8	5	4	3	2	16	2134 G 45 3.0°	60 HL
	2300	2060	1740	1410	1090		THR 321 (12hPa) / TDZ 321 (---%)	-0.2%



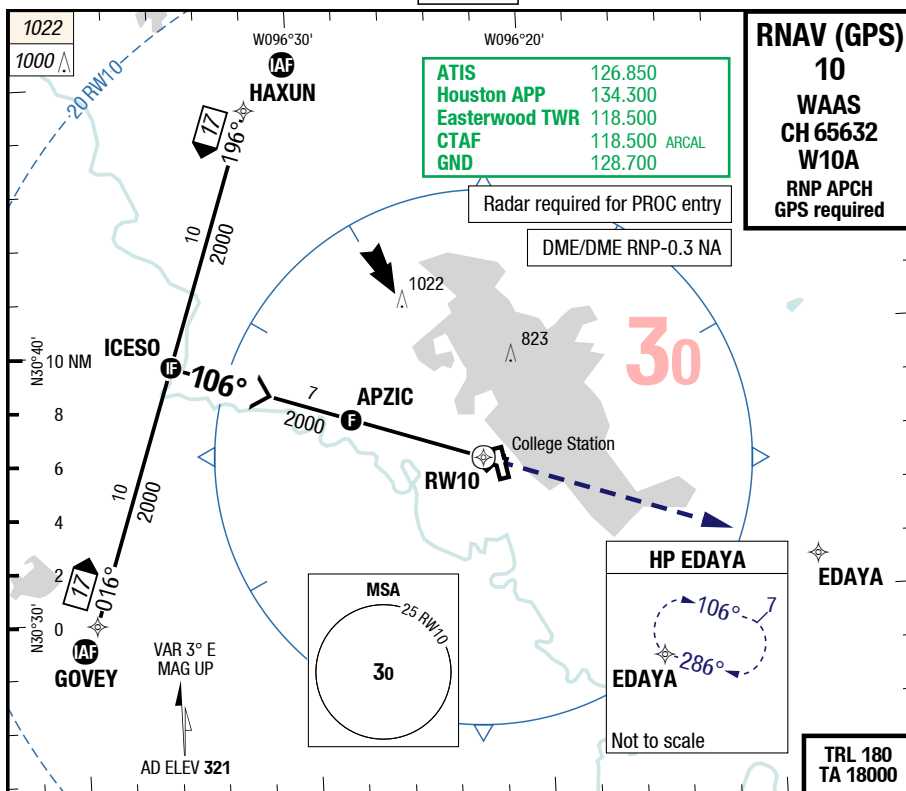
16	LOC BC				Circling TERPS
C	ft - ft/SM ft	600 - 1.75V 920			680 - 2.0V 1000
D	ft - ft/SM ft	600 - 1.75V 920			860 - 2.75V 1180






## CLL-KCLL

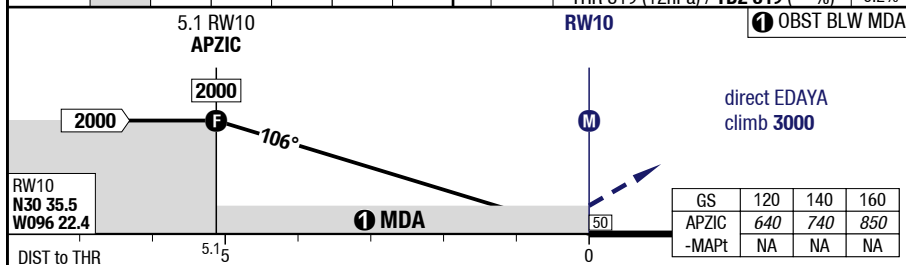
7-30

## RNAV (GPS) 10



3.00° <b>RW10</b>		5.1	5	4	3	2		 
		2000	1970	1650	1330	1010		

THR 319 (12hPa) / **TDZ 319** (---%) -0.2%



10		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV		Circling TERPS
C	ft - ft/SM ft	250 - 0.88V 570	330 - 1.0V 650	430 - 1.25V 740		680 - 2.0V 1000
D	ft - ft/SM ft	250 - 0.88V 570	330 - 1.0V 650	430 - 1.25V 740		860 - 2.75V 1180

1) Uncompensated BARO VNAV NA below -3°C (27°F) or above 54°C (130°F)

Changes: Track, TDZE, FAT, MIN, VAR, HLDG, AMDT No

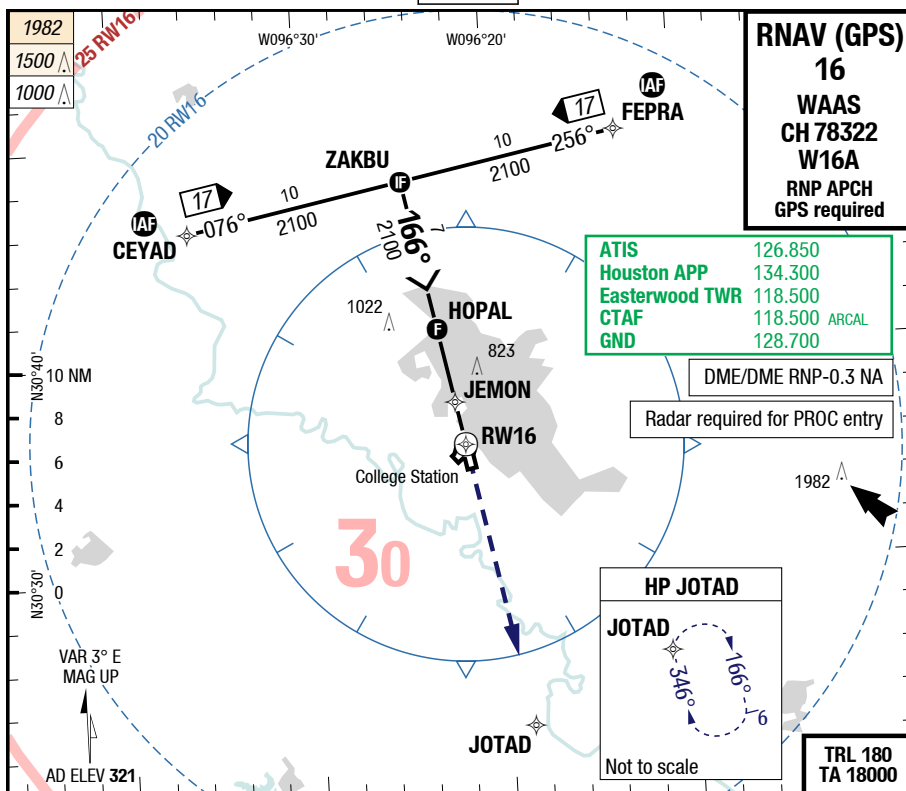
AMDT 1C

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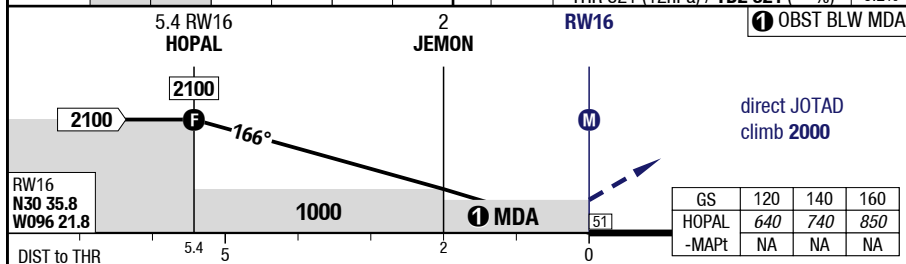
## CLL-KCLL

**7-40**

## RNAV (GPS) 16



3.00° <b>RW16</b>			5.4	5	4	3	<div> <div>16</div> <div> <div>2134 G 45</div> <div> <div>2100</div> <div>1970</div> <div>1650</div> <div>1330</div> </div> </div> </div> <div> <div>THR 321 (12hPa) / TDZ 321 (---%)</div> <div>-0.2%</div> </div>



16		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV		Circling TERPS
C	ft - ft/SM ft	250 - 0.88V 580	320 - 1.0V 640	520 - 1.5V 840		680 - 2.0V 1000
D	ft - ft/SM ft	250 - 0.88V 580	320 - 1.0V 640	520 - 1.5V 840		760 - 2.75V 1080

1) Uncompensated BARO VNAV NA below -3°C (27°F) or above 54°C (130°F)

Changes: MIN, Track, FAT, TDZE, HLDG, VAR, AMDT No

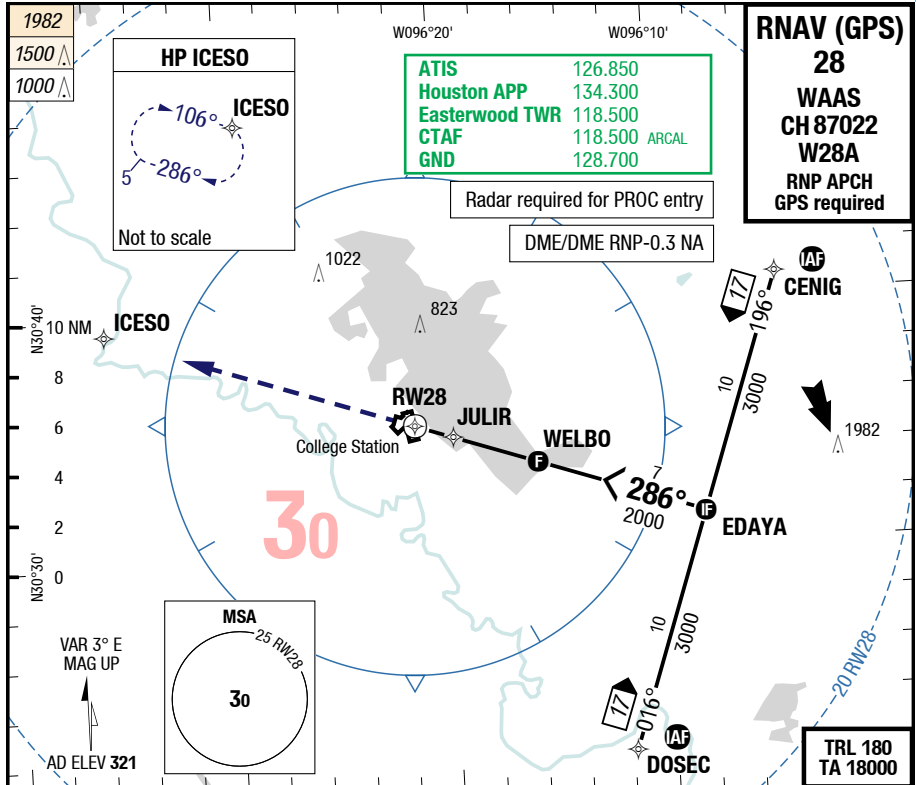
AMDT 1B

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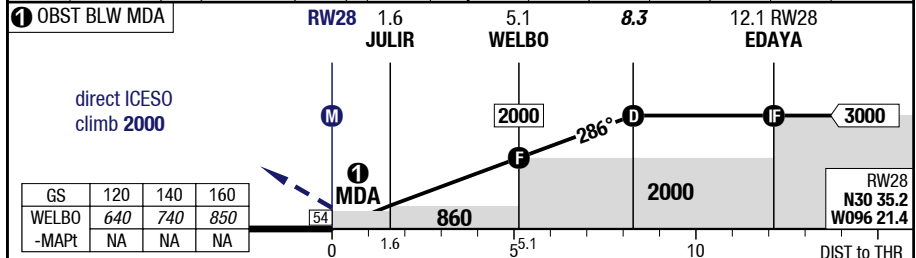
CLL-KCLL

7-50

RNAV (GPS) 28



60 ML	46 G 1572	3.0°	28	2	3	4	5	6	8.3	3.00°
+0.2%	TDZ 314 (---%) / THR 311 (11hPa)			1010	1320	1640	1960	2280	3000	RW28



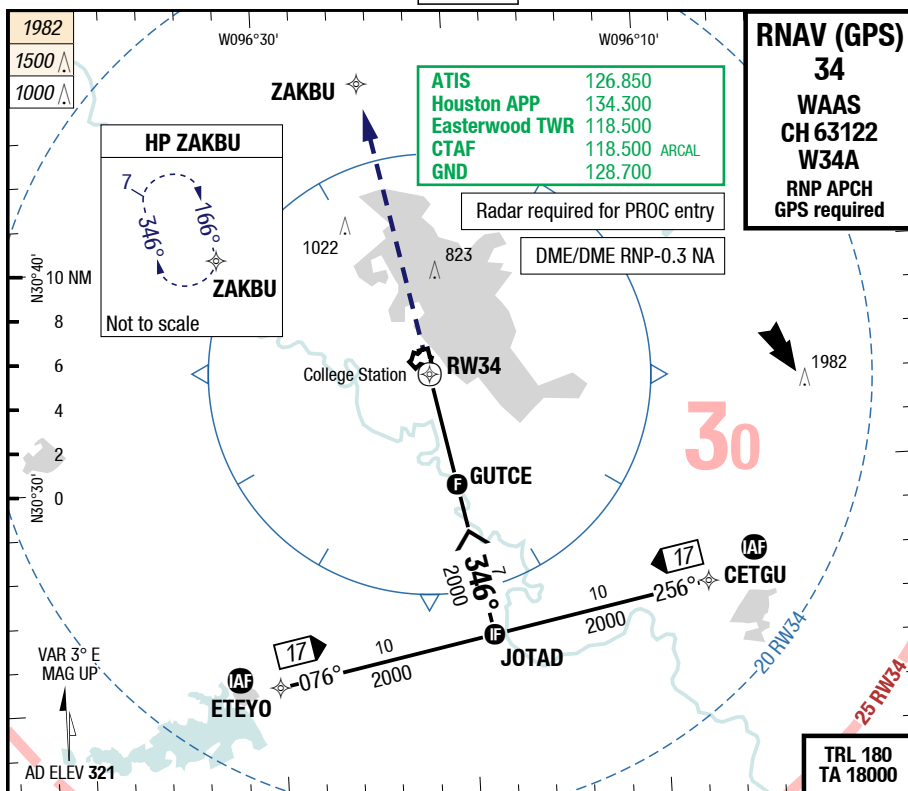
28	RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV	Circling TERPS
C	ft - ft/SM 570	440 - 1.25V 760	430 - 1.25V 740	680 - 2.0V 1000
D	ft - ft/SM 570	440 - 1.25V 760	430 - 1.25V 740	860 - 2.75V 1180

1) Uncompensated BARO VNAV NA below -3°C (27°F) or above 54°C (130°F)

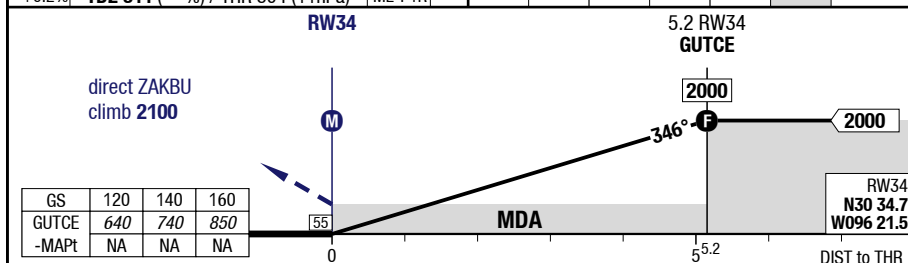
CLL-KCLL

7-60

RNAV (GPS) 34



60 HL	45 G 2134	34	2	3	4	5	5.2	3.00°
+0.2%	TDZ 311 (---%) / THR 304 (11hPa)	ML-P1R	1000	1320	1640	1960	2000	RW34



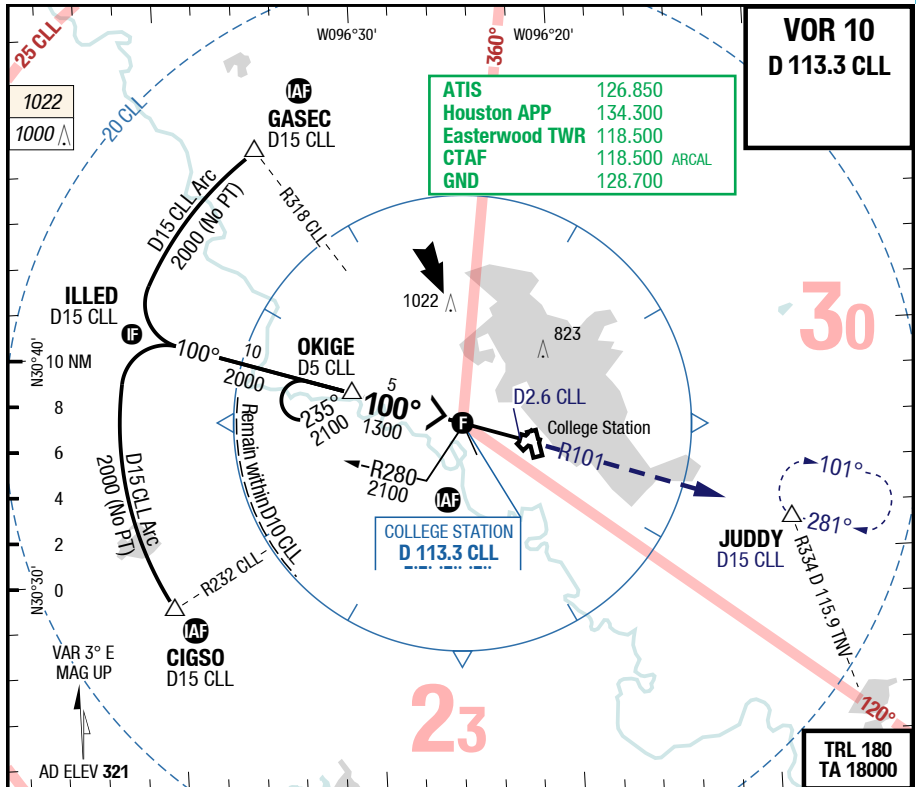
34	RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV	Circling TERPS
C	ft - ft/SM 200 - 0.5V 520	260 - 0.5V 570	450 - 0.88V 760	680 - 2.0V 1000
D	ft - ft/SM 200 - 0.5V 520	260 - 0.5V 570	450 - 0.88V 760	860 - 2.75V 1180

1) Uncompensated BARO VNAV NA below -3°C (27°F) or above 54°C (130°F)

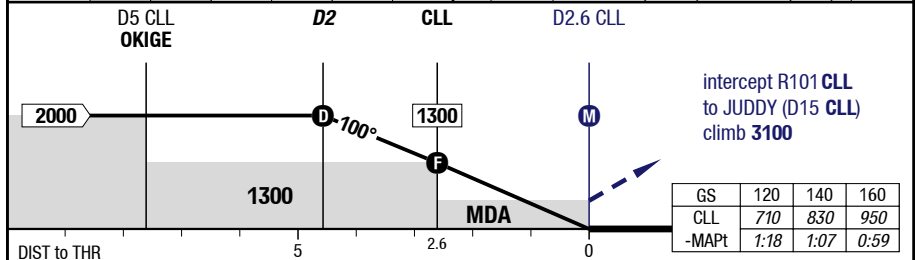
# CLL-KCLL

7-70

VOR 10



3.36° D CLL 100° RWY 106°		2	1	CLL	1	(10)	1572 G 46	60 ML	THR 319 (12hPa) / TDZ 319 (---%) -0.2%
		2000	1660	1300	950				



10	VOR						Circling
TERPS							TERPS
C	ft - ft/SM ft	430 - 1.25V 740					680 - 2.0V 1000
D	ft - ft/SM ft	430 - 1.25V 740					860 - 2.75V 1180

# CLL-KCLL

7-80

VOR 28

