

GENERAL**Operational Hours****ATS Hours:** 1200-0500±**AD OPS Hours:** H24**Airport Information****RFF:** FAA Index A / CAT 5**Fuel:** Jet A**PCN:** RWY 08R/26L: 34/R/B/W/T

RWY 08L/26R: 5/F/D/X/T

Operation**Traffic Note**

AD CLSD to ACFT above 45.3t / 100000lbs, except ACFT between 45.3t / 100000lbs - 68t / 150000lbs with 24HR PPR.

24HRs PPR for ACFT with more than 30 PAX seats.

ACFT with more than 9 PAX seats not authorized in excess of 15min before or after SKED ARR/DEP time, except PPR.

RWY and APCH lights are turned off or set to medium intensity 0500-1200±, thereafter increase intensity and activation by CTAF.

TWY Restriction

TWY A, C, D between RWY08R/26L and TWY W width 15m / 50ft.

TWY E, F, D between TWY W and RWY 08L/26R width 11m / 35ft.

INT C CLSD between TWY E and RWY 08L-26R.

Taxilane B between south entrance WEST RAMP and TWY Z CLSD.

ACFT above 45.3t / 100000lbs use TWY D, A5, A1 after LDG.

Engine Run-up Areas

All maintenance hi-PWR ENG run-ups use ground run-up enclosure on TWY D.

VOR Test Facility (VOT): 112.2**Warnings**

Numerous and intense HEL OPS on AD.

Be alert, noise sensitive areas south of AD.

TWY B between SE and NW entrance to west ramp, TWY B NW TWY A from distance 61m - 213m / 200ft - 700ft and TWY Z not visible from TWR.

EMERG FREQ: 121.500 not AVBL on TWR.**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

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

ARRIVAL**Arrival Procedure**

VFR Traffic Pattern: RWY 08R, 26R right-hand circuit.

Non-standard GP intercept position on**RWY 08R**

GP intercepts RWY 08R at *320m / 1049ft* after landing threshold.

Remaining LDG DIST beyond GP is *1940m / 6365ft*.

RWY 26L

GP intercepts RWY 26L at *320m / 1049ft* after landing threshold.

Remaining LDG DIST beyond GP is *1815m / 5955ft*.

DEPARTURE**Take-off Minima**

RWY		26L	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	MNM climb gradient 3.8% up to 900
3+4 ENG		0 - 2400R/0.5V	
RWY		08R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	MNM climb gradient 4.0% up to 700
3+4 ENG		0 - 2400R/0.5V	

Speed

MAX IAS 250KT below 10000ft.

Communication

COM Failure: See CRAR United States.

Departure Procedure**Noise Abatement Procedure**

DEP stage III ACFT: 0500-1200‡ use RWY 08L-26R.

DEP stage II ACFT: 0400-1300‡ use RWY 08L/26R, except PPR MON-FRI 1400-0100‡.

08-JUN-2017
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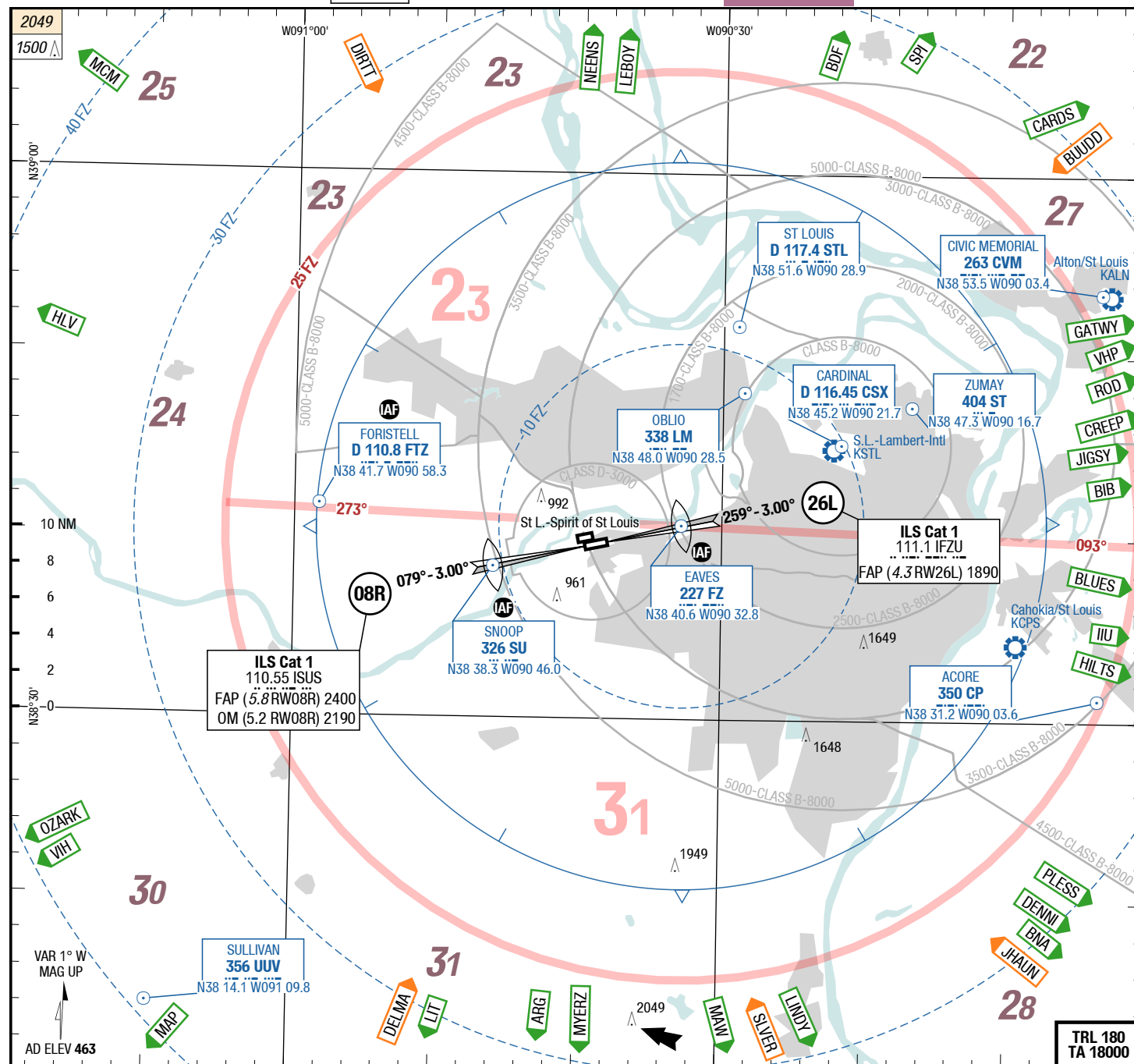
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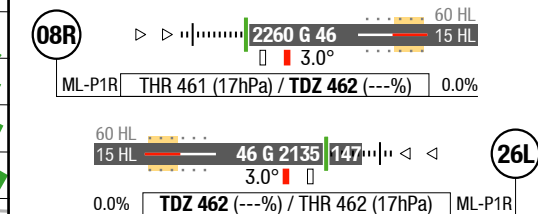
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2-10



ATIS	134.800	ASOS	
APP	126.500		128.100
DEP	126.500		
Spirit TWR			124.750 1200-0500+
CTAF	124.750	ARCAL	
UNICOM	122.950		
GND	121.700		
RCO	122.200	St Louis RDO	124.750 St Louis RDO
DLV	133.100		121.700 2300-0600+

Landing RWY system:



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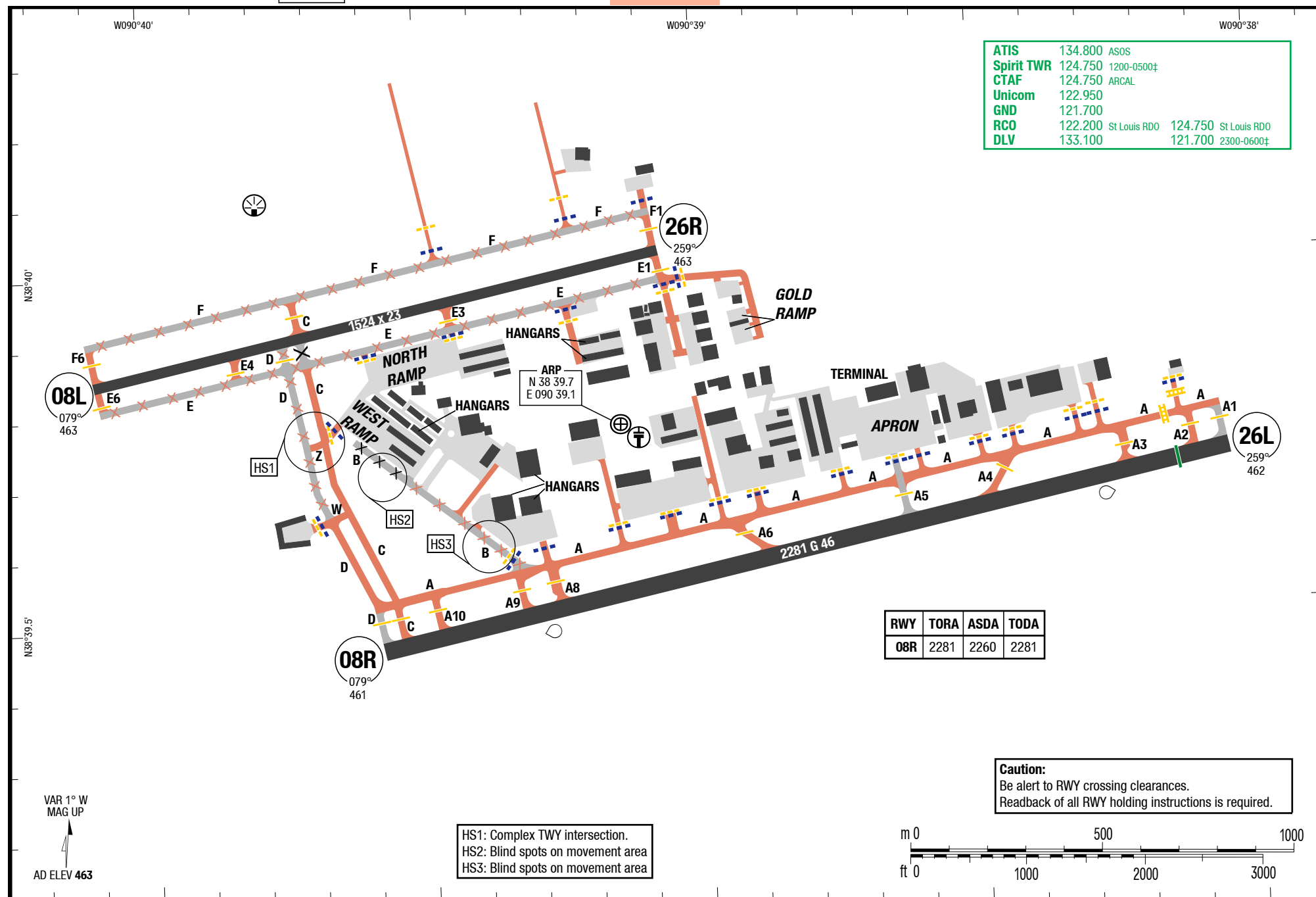
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3-20



05-OCT-2017

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CARDS 1 / LINDBERGH 6 / OZARK 7

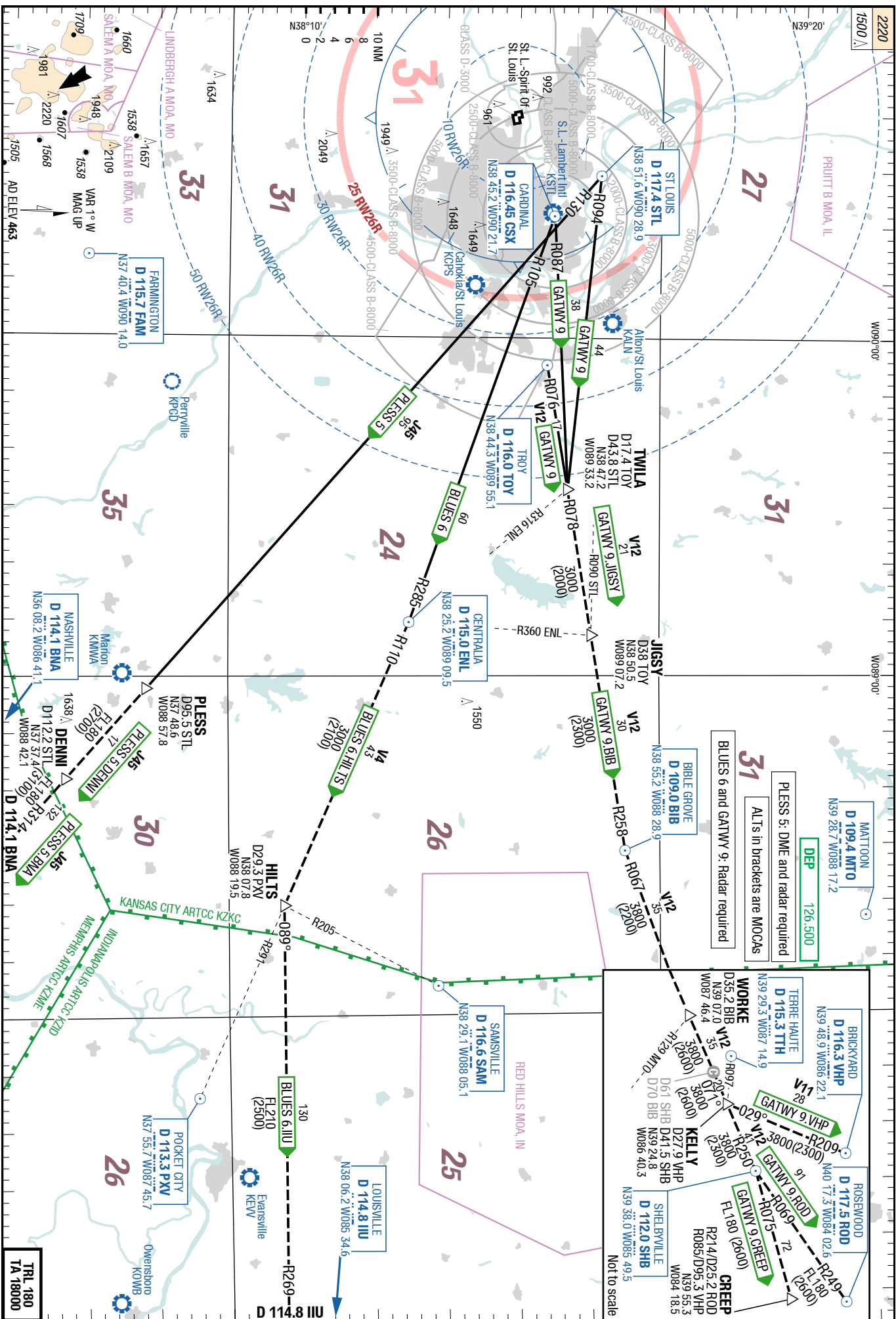
4-10	BLUES 6 / GATEWAY 9 / PLESS 5
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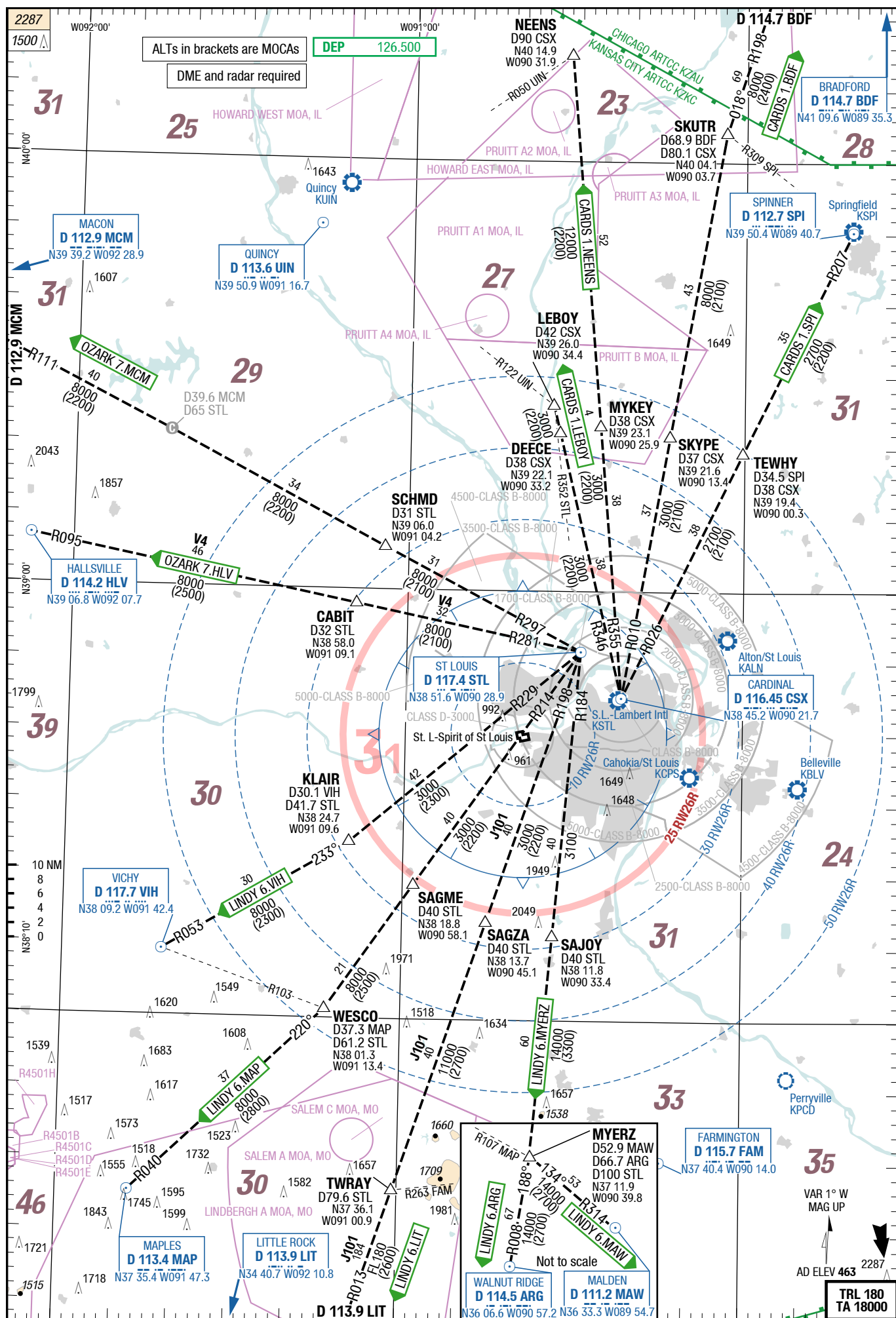
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SID

CARDS 1 / LINDBERGH 6 / OZARK 7

BLUES 6 / GATEWAY 9 / PLESS 5





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5-10

BLUES 6 / GATEWAY 9 / PLESS 5

BLUES 6 / GATEWAY 9 / PLESS 5

RWYs 08L/R (079°) / 26L/R (259°)

DESIGNATOR	ROUTING	ALTITUDES
	All RWYs	
BLUES 6 126.500 ①	Climb on assigned HDG for vectors to appropriate route. CSX - R105 CSX (R285 ENL) to ENL	initial climb 3000 (Jets) initial climb 2500 (Props)
	TRANSITION	
	HILTS ENL - R110 ENL to HILTS (R291 PXV inbound)	
	LOUISVILLE (IIU) ENL - R110 ENL to HILTS (R291 PXV inbound) - R269 IIU to IIU	
GATEWAY 9 GATWY 9 126.500 ①	Climb on assigned HDG for vectors to appropriate route.	initial climb 3000 (Jets) initial climb 2500 (Props)
	CSX: CSX - R087 CSX to TWILA TOY: TOY - R076 TOY to TWILA STL: STL - R094 STL to TWILA	
	TRANSITION	
	BIBLE GROVE (BIB) TWILA - R078 TOY to JIGSY - R258 BIB to BIB	
	BRICKYARD (VHP) TWILA - R078 TOY to JIGSY - R258 BIB to BIB - R067 BIB to WORKE - R067 BIB (R250 SHB) to KELLY - R209 VHP to VHP	
	CREEP TWILA - R078 TOY to JIGSY - R258 BIB to BIB - R067 BIB to WORKE - R067 BIB (R250 SHB) to KELLY - R250 SHB to SHB - R075 SHB to CREEP	
	JIGSY TWILA - R078 TOY to JIGSY	
	ROSEWOOD (ROD) TWILA - R078 TOY to JIGSY - R258 BIB to BIB - R067 BIB to WORKE - R067 BIB (R250 SHB) to KELLY - R250 SHB to SHB - R069 SHB (R249 ROD) to ROD	
PLESS 5 126.500 ①	Climb on assigned HDG for vectors to appropriate route. STL - R130 STL to PLESS	initial climb 3000 (Jets) initial climb 2500 (Props)
	TRANSITION	
	DENNI PLESS - R130 STL to DENNI	
	NASHVILLE (BNA) PLESS - R130 STL to DENNI - R314 BNA to BNA	

① Expect filed altitude 10 minutes after departure.

Changes: Nil

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5-20

CARDS 1 / LINDBERGH 6 / OZARK 7**CARDS 1 / LINDBERGH 6 / OZARK 7**

RWYs 08L/R (079°) / 26L/R (259°)

DESIGNATOR	ROUTING	ALTITUDES
	All RWYs	
CARDS 1 126.500 ①	Climb on assigned heading, expect vector to appropriate route	initial climb 3000 (Jets) initial climb 2500 (Props)
	TRANSITION	
	BRADFORD (BDF) CSX - R010 CSX via SKYPE to SKUTR - R198 BDF to BDF	
	LEBOY CSX - R346 CSX via DEECE to LEBOY	
	NEENS CSX - R355 CSX via MYKEY to NEENS	
	SPINNER (SPI) CSX - R026 CSX to TEWHY - R207 SPI to SPI	
LINDBERGH 6 LINDY 6 126.500 ①	Climb on assigned heading, expect vector to appropriate route	initial climb 3000 (Jets) initial climb 2500 (Props)
	TRANSITION	
	LITTLE ROCK (LIT) STL - R198 STL via SAGZA to TWRAY - R198 STL and R013 LIT to LIT	
	MALDEN (MAW) STL - R184 STL via SAJOY to MYERZ - R314 MAW to MAW	
	MAPLES (MAP) STL - R214 STL via SAGME to WESCO - R040 MAP to MAP	
	MYERZ STL - R184 STL via SAJOY to MYERZ	
	VICHY (VIH) STL - R229 STL to KLAIR - R053 VIH to VIH	
	WALNUT RIDGE (ARG) STL - R184 STL via SAJOY to MYERZ - R008 ARG to ARG	
OZARK 7 126.500 ①	Climb on assigned heading, expect vector to appropriate route	initial climb 3000 (Jets) initial climb 2500 (Props)
	TRANSITION	
	HALLSVILLE (HLV) STL - R281 STL to CABIT - R281 STL and R095 HLV to HLV	
	MACON (MCM) STL - R297 STL to SCHMD - R297 STL and R111 MCM to MCM	

① Expect filed altitude 10 minutes after departure.

Obstacle Departure	
RWY	Notes
08L	Fence 46ft from DER, 338ft right of centerline, 8ft AGL/465ft MSL. Building 174ft from DER, 498ft Right of centerline, 38ft AGL/495ft MSL. Tree 383ft from DER, 426ft right of centerline, 31ft AGL/488ft MSL. OL on pole 1215ft from DER, 96ft right of centerline, 43ft AGL/496ft MSL. Multiple poles beginning 1202ft from DER, 231ft right of centerline, up to 48ft AGL/498ft MSL. Trees beginning 1245ft from DER, 52ft left of centerline, up to 80ft AGL/533ft MSL. Trees beginning 1229ft from DER, 95ft right of centerline, up to 60ft AGL/516ft MSL.
08R	Antenna 263ft from DER, 557ft left of centerline, 40ft AGL/487ft MSL. Railroad car 752ft from DER, 19ft left of centerline, 23ft AGL/482ft MSL. Antenna on building 142ft from DER, 241ft left of centerline, 8ft AGL/470ft MSL. Trees 5357ft from DER, 1793ft right of centerline, up to 100ft AGL/626ft MSL.
26L	Tree 2240ft from DER, 508ft right of centerline, 58ft AGL/521ft MSL. Tree 1.7NM from DER, 2670ft left of centerline, 100ft AGL/759ft MSL.
26R	Tree 33ft from DER, 430ft right of centerline, up to 9ft AGL/464ft MSL. Multiple poles beginning 1269ft from DER, left and right of centerline, up to 68ft AGL/518ft MSL. Trees beginning 1999ft from DER, right and left of centerline, up to 154ft AGL/601ft MSL.

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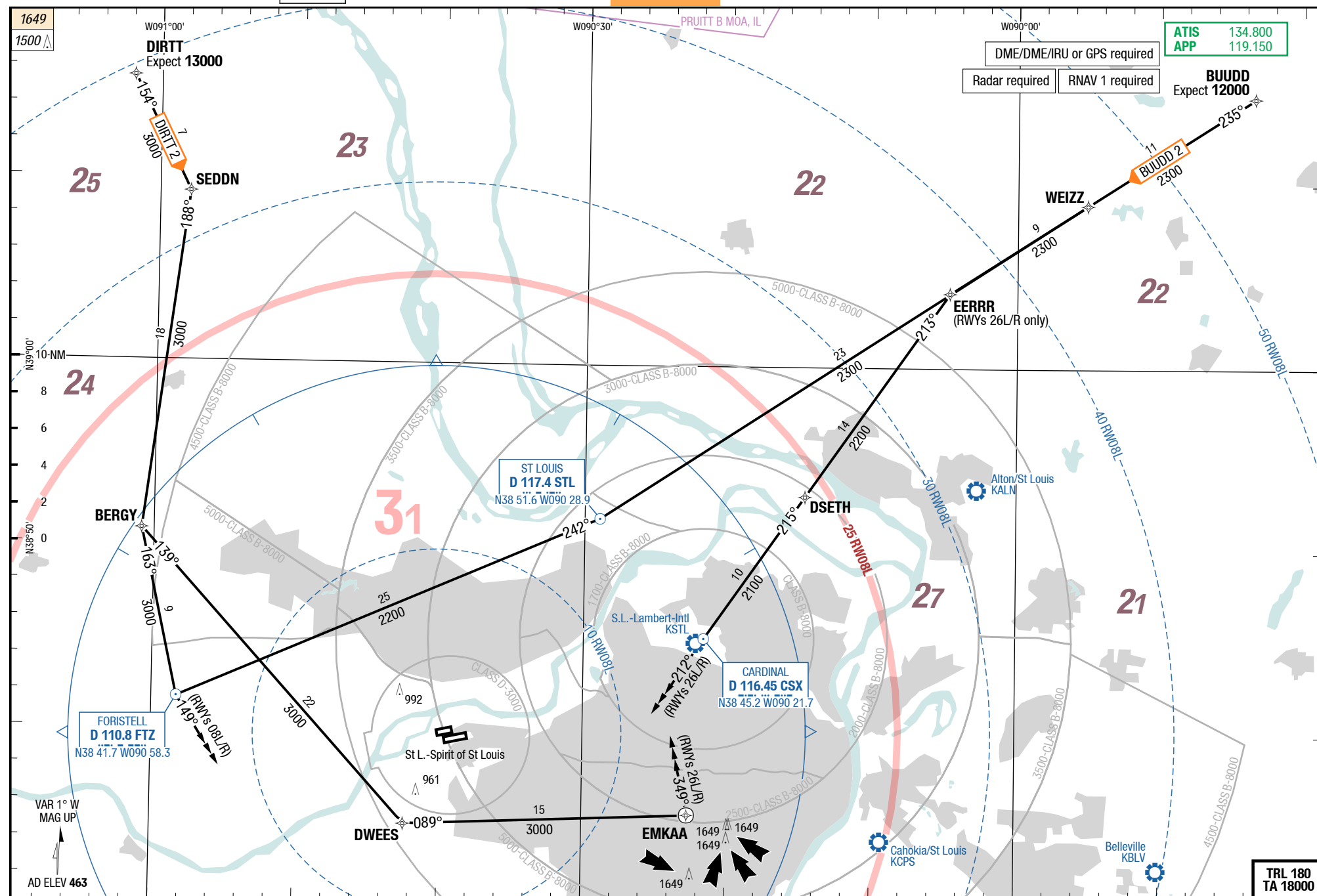
6-10

RNAV STARs BUDD 2/DIRTT 2

STAR

STAR

RNAV STARs BUDD 2/DIRTT 2



Changes: Track, SUAs, OBST, PROC renumbered

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Effective 02-MAR-2017

23-FEB-2017

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STAR

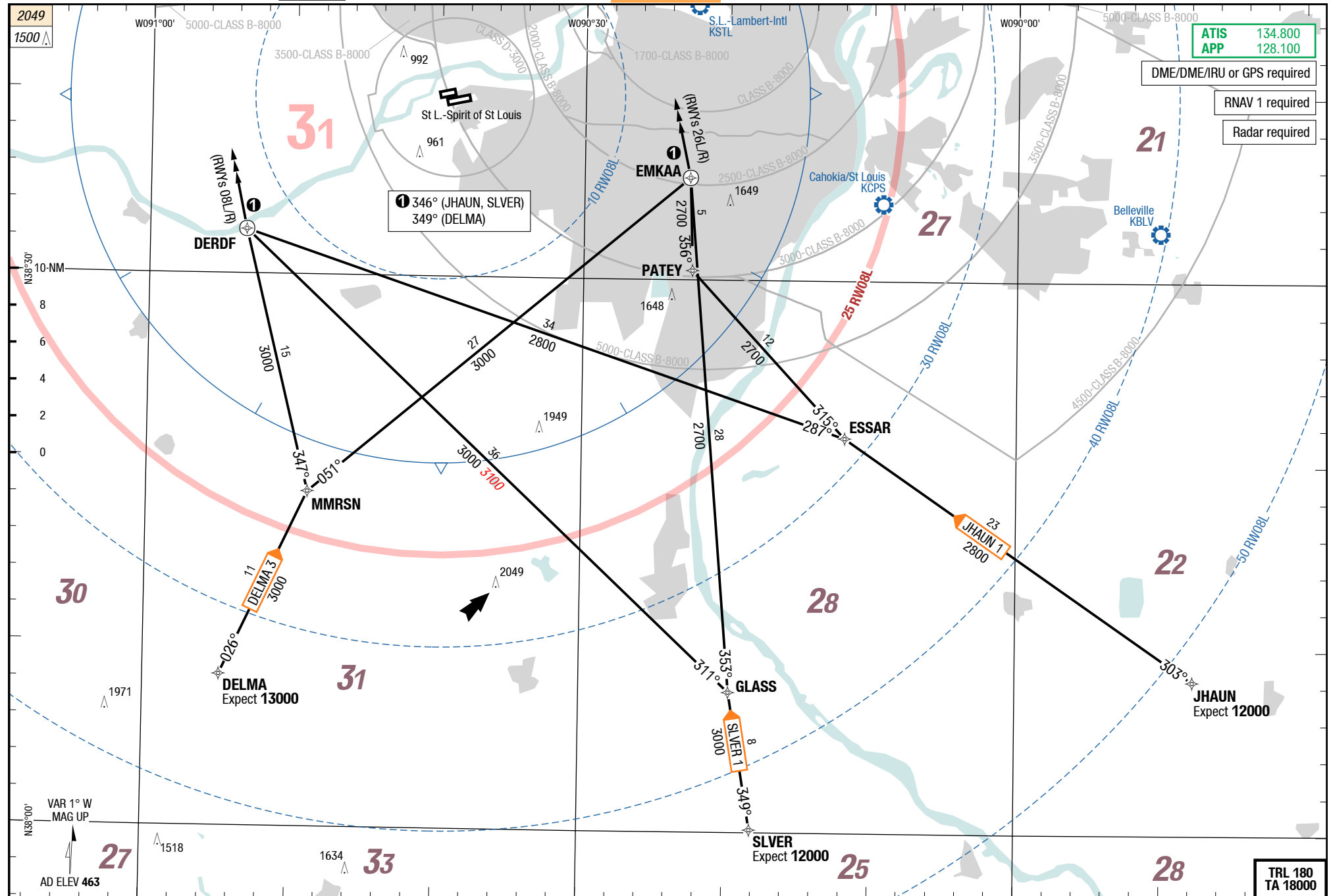
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6-20

RNAV STARs DELMA 3/JHAUN 1/SLVER 1

RNAV STARs DELMA 3/JHAUN 1/SLVER 1



Changes: Track, PROC rennumbered

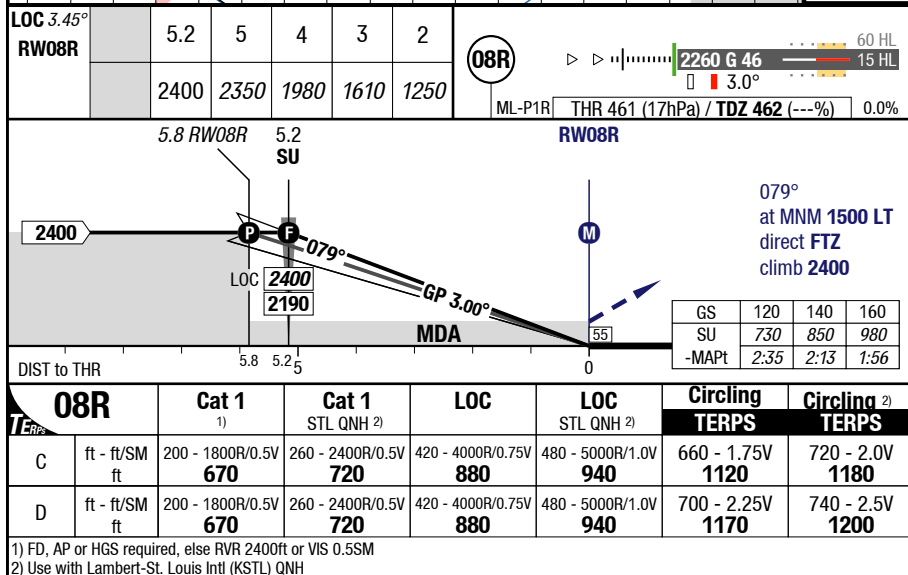
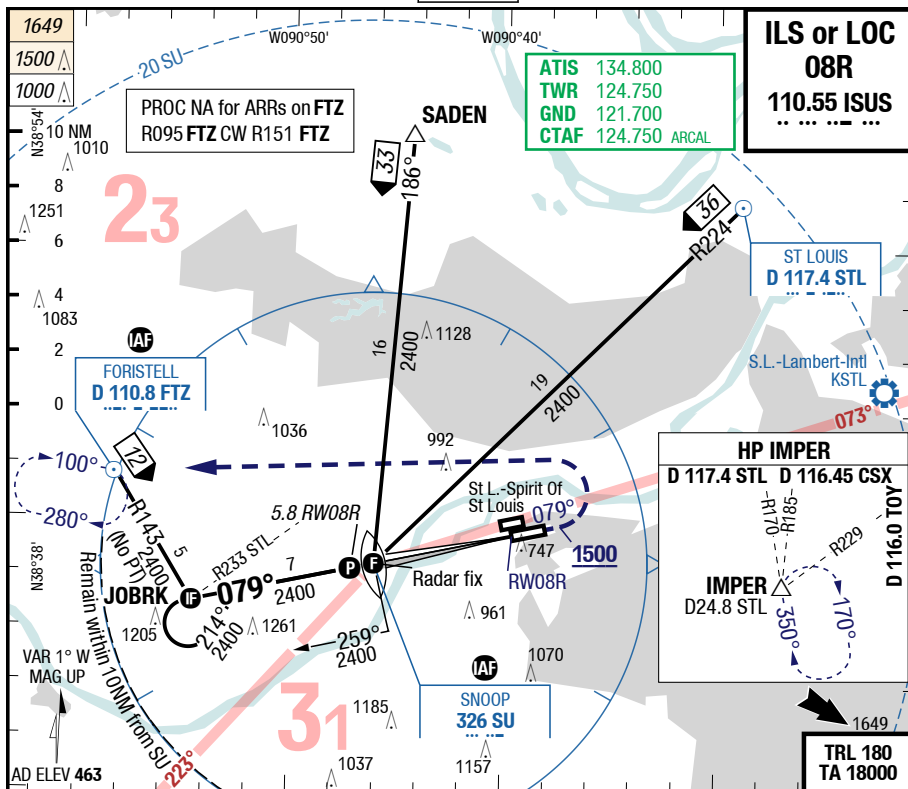
23-FEB-2017
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IAC

7-10

ILS or LOC 08R



Changes: TDZE, ALT, DIST, MISAP text

AMDT 14A

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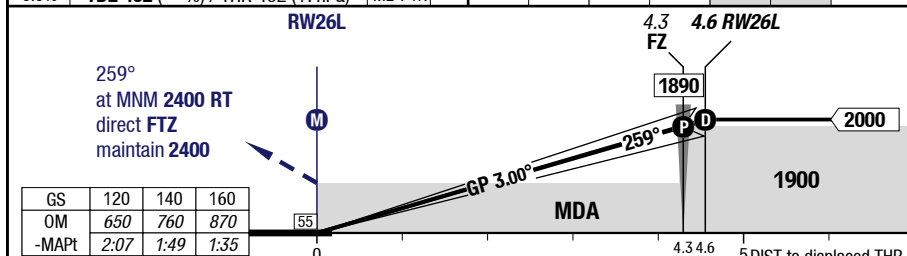
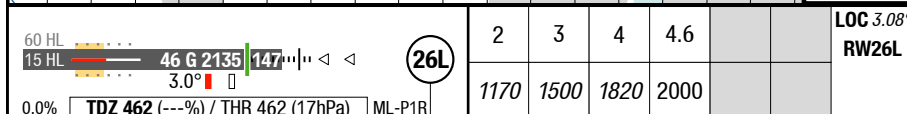
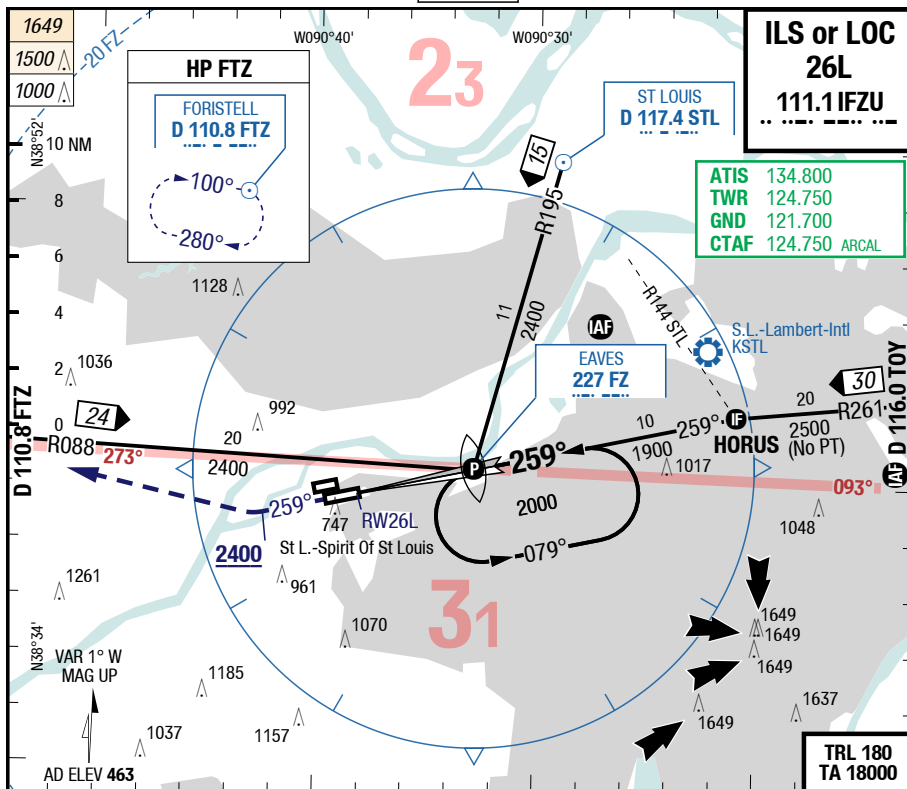
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7-20

ILS or LOC 26L



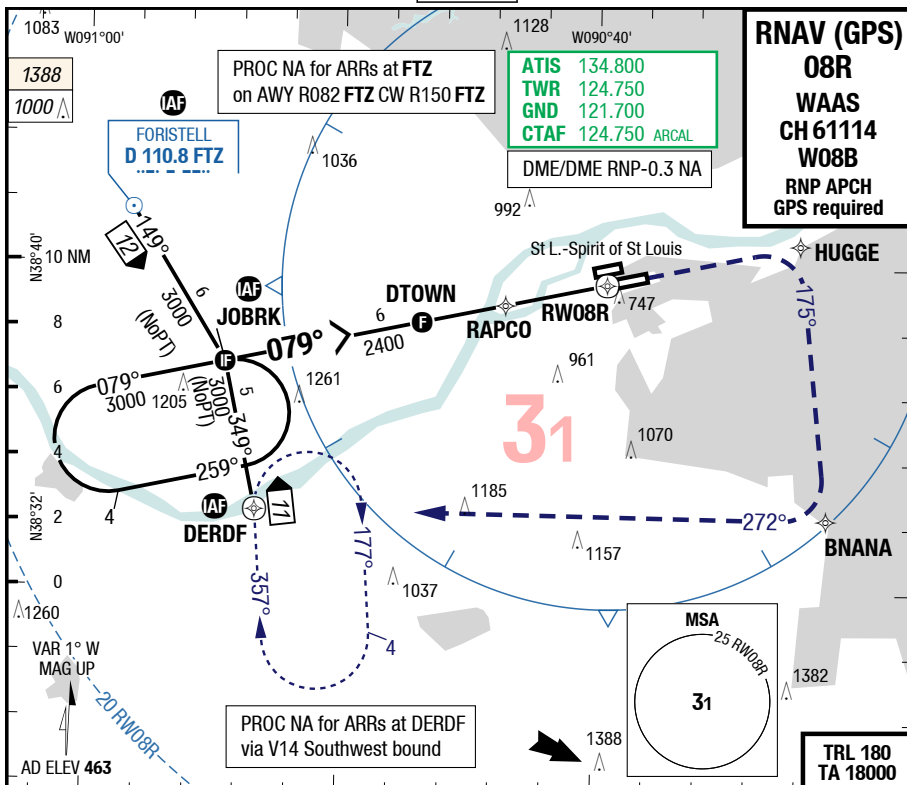
TERPS	26L	Cat 1 1)	Cat 1 STL QNH 2)	LOC	LOC APL U/S	Circling TERPS	Circling 2) TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 670	260 - 2400R/0.5V 720	680 - 1.5V 1140	680 - 2.0V 1140	680 - 2.0V 1140	740 - 2.0V 1200
D	ft - ft/SM ft	200 - 1800R/0.5V 670	260 - 2400R/0.5V 720	680 - 1.5V 1140	680 - 2.0V 1140	700 - 2.25V 1170	740 - 2.25V 1200



1) FD, AP or HGS required, else RVR 2400ft or VIS 0.5SM
 2) Use with Lambert-St. Louis Intl (KSTL) QNH

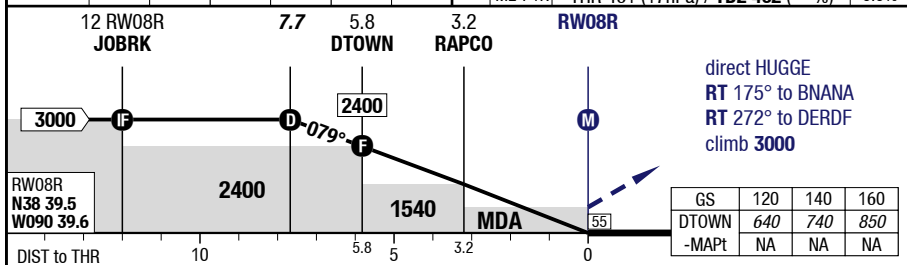
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7-30

RNAV (GPS) 08R



3.00° RW08R	7.7	6	5	4	3	2	  60 HL 15 HL ML-P1R THR 461 (17hPa) / TD7 462 (---%) 0.0%
	3000	2460	2140	1810	1490	1170	



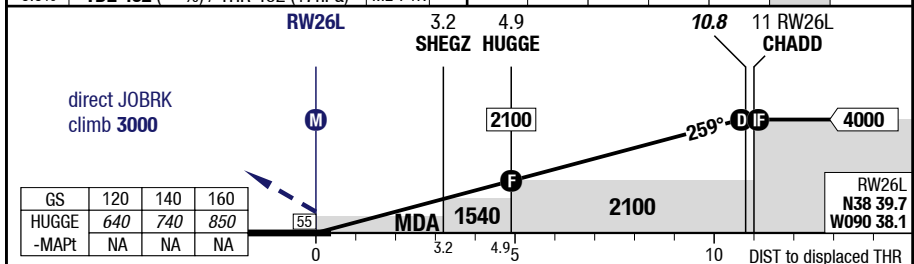
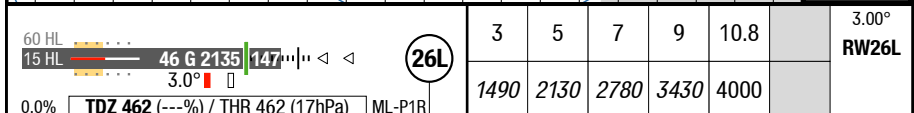
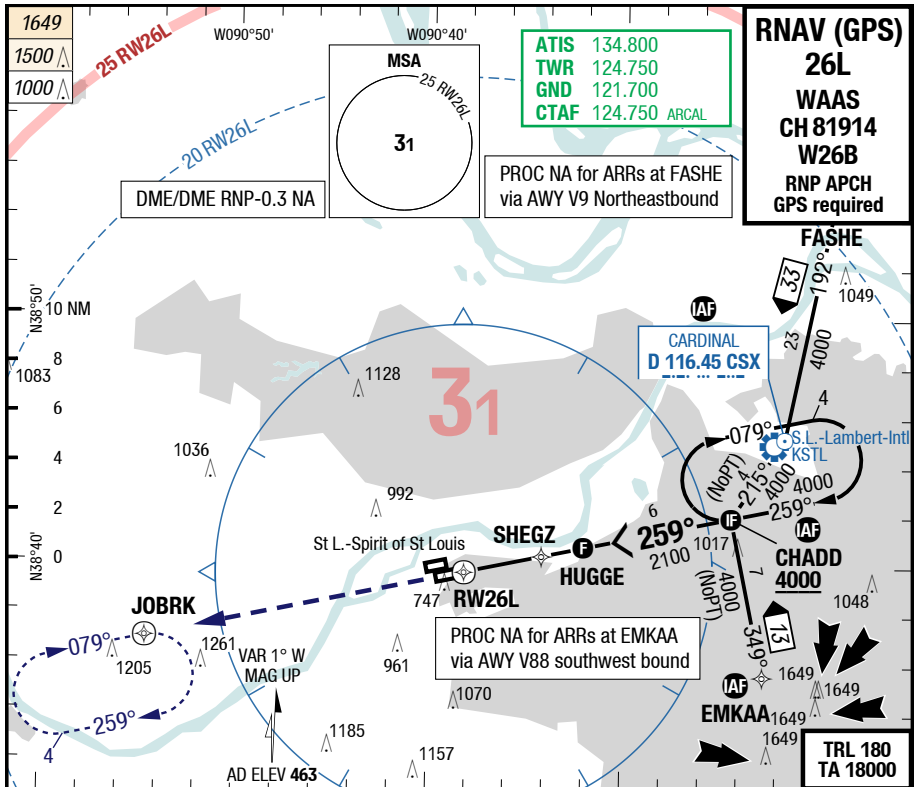
TERPS 08R		RNAV GPS	RNAV GPS	RNAV GPS	RNAV GPS	Circling	Circling ²⁾
		LPV 1)	LPV STL QNH ²⁾	VNAV 3)	VNAV APL U/S ³⁾	TERPS	TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 670	260 - 2400R/0.5V 720	670 - 2.0V 1130	670 - 2.5V 1130	670 - 2.0V 1130	730 - 2.0V 1190
D	ft - ft/SM ft	200 - 1800R/0.5V 670	260 - 2400R/0.5V 720	670 - 2.0V 1130	670 - 2.5V 1130	700 - 2.25V 1170	740 - 2.25V 1200

1) FD, AP or HGS required, else RVR 2400ft or VIS 0.5SM 2) Use with Lambert-St. Louis Intl (KSTL) QNH 3) Uncompensated BARO VNAV NA below -15°C (5°F) or above 54°C (130°F)

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7-40

RNAV (GPS) 26L



<div> <div>TERPs</div> <div>26L</div> </div>		RNAV GPS	RNAV GPS	RNAV GPS	RNAV GPS	Circling	Circling ²⁾
		LPV 1)	LPV STL QNH ²⁾	VNAV 3)	VNAV STL QNH ^{2) 4)}	TERPS	TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 670	260 - 2400R/0.5V 720	510 - 1.25V 970	570 - 1.5V 1030	660 - 1.75V 1120	720 - 2.0V 1180
D	ft - ft/SM ft	200 - 1800R/0.5V 670	260 - 2400R/0.5V 720	510 - 1.25V 970	570 - 1.5V 1030	700 - 2.25V 1170	740 - 2.25V 1200

1) FD, AP or HGS required, else RVR 2400ft or VIS 0.5SM 2) Use with Lambert-St. Louis Intl (KSTL) QNH 3) Uncompensated BARO VNAV NA below -15°C (5°F) or above 54°C (130°F) 4) BARO VNAV NA

10-AUG-2017

SUS-KSUS**7-50****WxMinima Overflow**

08R		RNAV GPS VNAV STL QNH ^{1) 2)}	RNAV GPS LNAV	RNAV GPS LNAV APL U/S	RNAV GPS LNAV STL QNH ²⁾	RNAV GPS LNAV STL QNH APL U/S	
TERPS							
C	ft - ft/SM ft	730 - 2.0V 1190	580 - 1.25V 1040	580 - 1.75V 1040	640 - 1.38V 1100	640 - 1.75V 1100 ²⁾	
D	ft - ft/SM ft	730 - 2.0V 1190	580 - 1.25V 1040	580 - 1.75V 1040	640 - 1.38V 1100	640 - 1.75V 1100 ²⁾	
1) BARO VNAV NA 2) Use with Lambert-St. Louis Intl (KSTL) QNH							
26L		LOC STL QNH ¹⁾	LOC STL QNH APL U/S ¹⁾				
TERPS							
C	ft - ft/SM ft	740 - 1.75V 1200	740 - 2.0V 1200				
D	ft - ft/SM ft	740 - 1.75V 1200	740 - 2.0V 1200				
1) Use with Lambert-St. Louis Intl (KSTL) QNH							
26L		RNAV GPS VNAV STL QNH APL U/S	RNAV GPS LNAV	RNAV GPS LNAV STL QNH ¹⁾	RNAV GPS LNAV STL QNH APL U/S		
TERPS							
C	ft - ft/SM ft	570 - 2.0V 1030 ^{1) 2)}	520 - 5500R/1.0V 980	580 - 1.25V 1040	580 - 1.75V 1040 ¹⁾		
D	ft - ft/SM ft	570 - 2.0V 1030 ^{1) 2)}	520 - 5500R/1.0V 980	580 - 1.25V 1040	580 - 1.75V 1040 ¹⁾		
1) Use with Lambert-St. Louis Intl (KSTL) QNH 2) BARO VNAV NA							

Changes: MIN