

29-JUN-2017

SUS-KSUS**1-10****AOI****AOI****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.

29-JUN-2017

SUS-KSUS**1-20****AOI****AOI****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

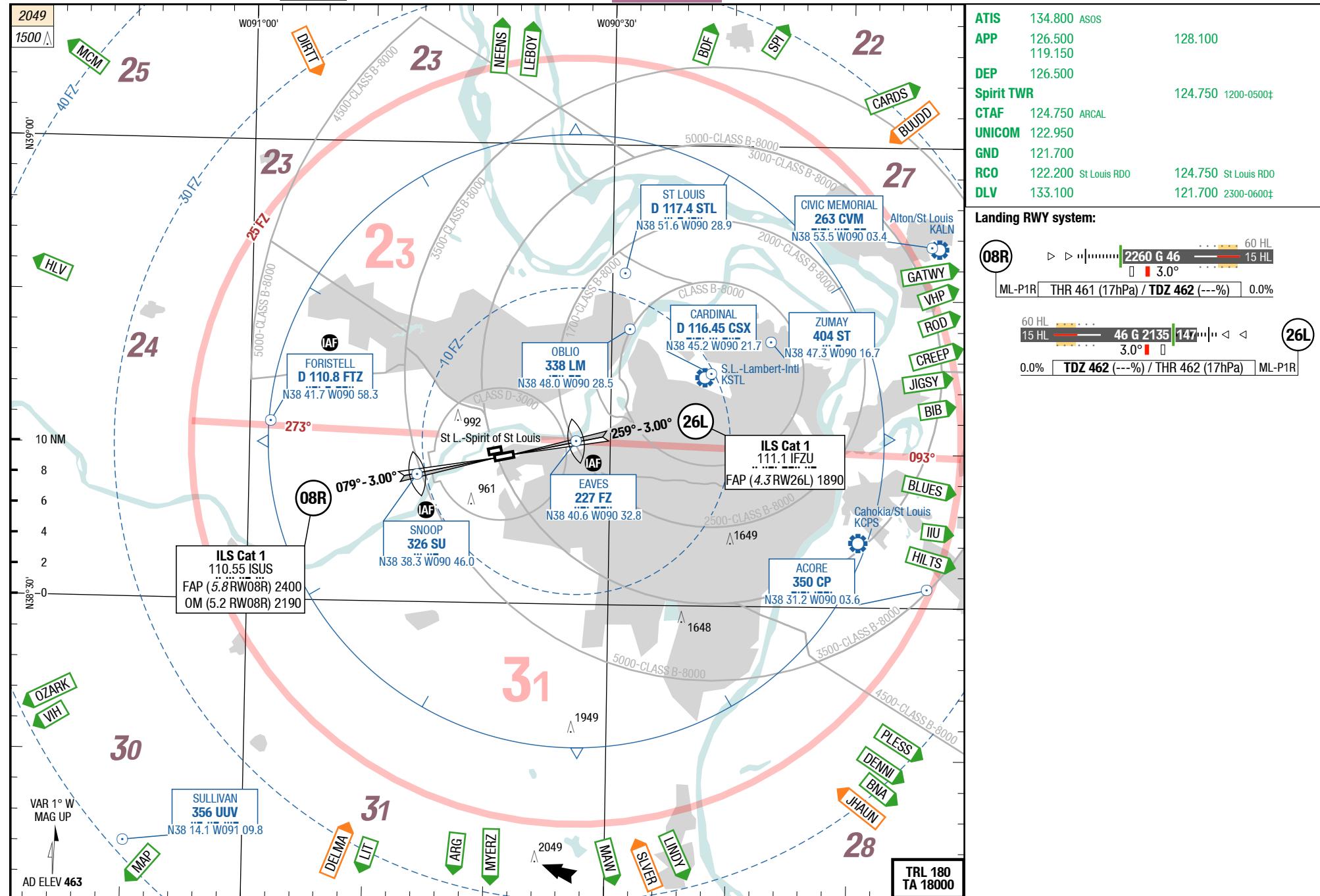
SUS-KSUS

United States St Louis Spirit Of St Louis

AGC
AFC

2-10

Spirit Of St Louis St Louis United States

AGC
AFC

Changes: Nil

08-JUN-2017

United States St Louis Spirit Of St Louis

SUS-KSUS

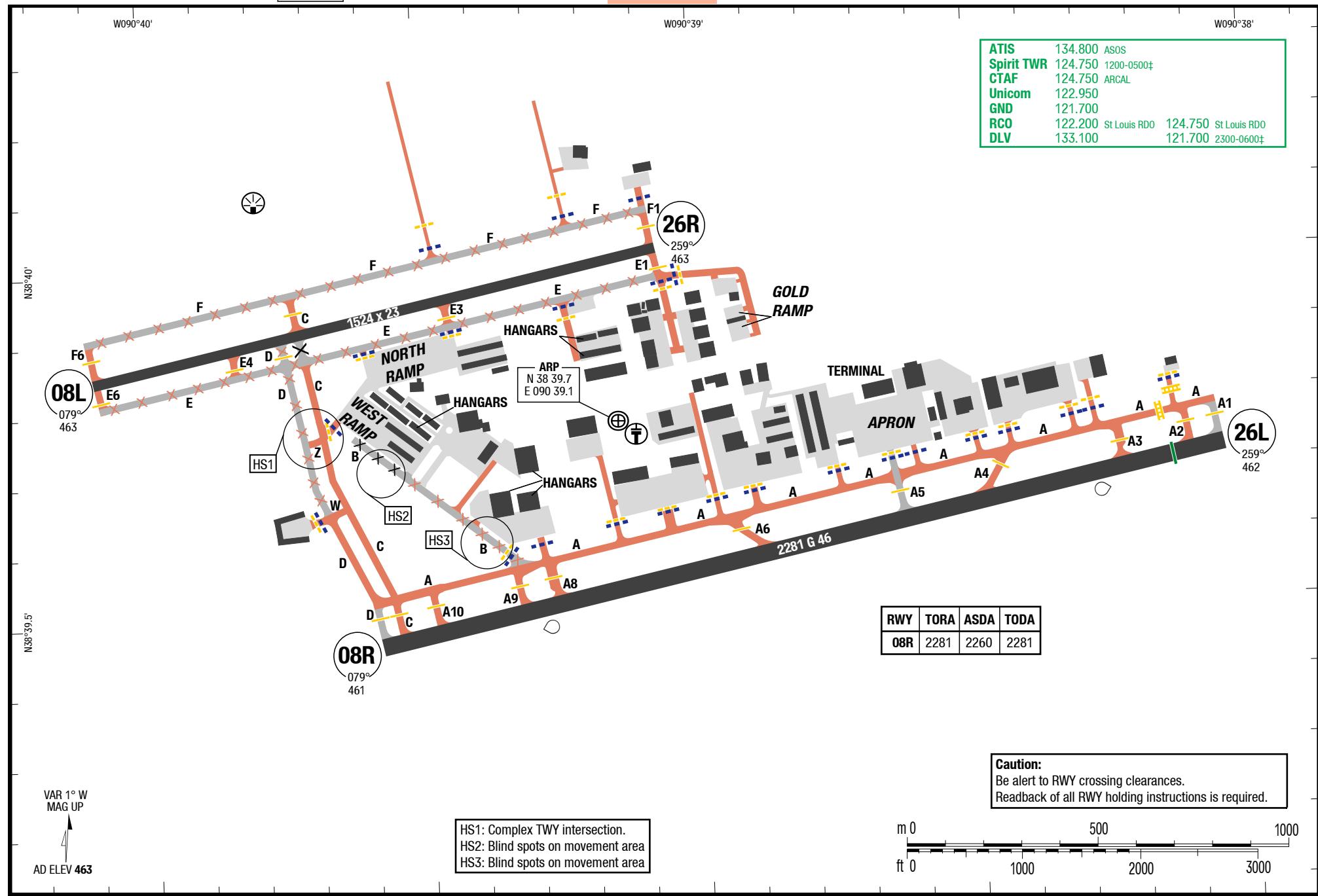
3-20

AGC

AGC

Spirit Of St Louis St Louis United States

AGC



United States St Louis Spirit Of St Louis

CARDS 1 / LINDBERGH 6 / OZARK 7

Spirit Of St Louis St Louis United States

CARDS 1 / LINDBERGH 6 / OZARK 7

4-10 BLUES 6 / GATEWAY 9 / PLESS 5



BLUES 6 / GATEWAY 9 / PLESS 5

Not to scale

2220 ▲
1500 ▲
W090°00'
W089°00'
W088°00'
W087°00'
W086°00'
W085°00'

MATTISON

D 109.4 MTO

N39 28.7 W088 17.2

DEP 126,500

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Effective 12-OCT-2017

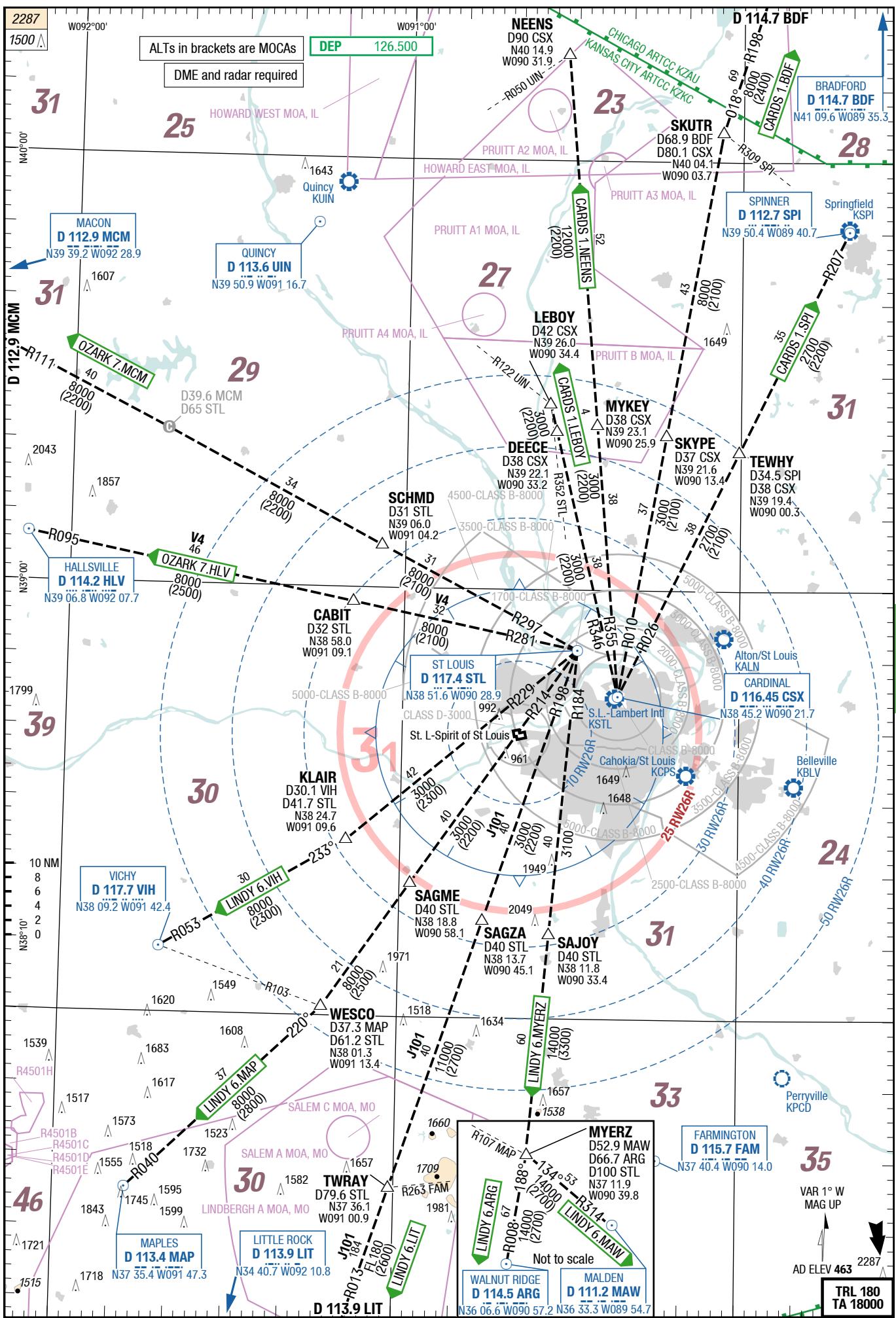
SUS-KSUS

United States St Louis Spirit Of St Louis
Effective 12-OCT-2017

CARDS 1 / LINDBERGH 6 / OZARK 7

18

CARDS 1 / LINDBERGH 6 / OZARK 7



SUS-KSUS**5-10****BLUES 6 / GATEWAY 9 / PLESS 5**

SIDPT

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 TRANSITION HILTS ENL - R110 ENL to HILTS (R291 PXV inbound) LOUISVILLE (IIU) ENL - R110 ENL to HILTS (R291 PXV inbound) - R269 IIU to IIU	Initial climb 3000 (Jets) Initial climb 2500 (Props)
GATEWAY 9 GATWY 9 126.500 ①	Climb on assigned HDG for vectors to appropriate route. 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	Initial climb 3000 (Jets) Initial climb 2500 (Props)
PLESS 5 126.500 ①	Climb on assigned HDG for vectors to appropriate route. STL - R130 STL to PLESS TRANSITION DENNI PLESS - R130 STL to DENNI NASHVILLE (BNA) PLESS - R130 STL to DENNI - R314 BNA to BNA	Initial climb 3000 (Jets) Initial climb 2500 (Props)

① Expect filed altitude 10 minutes after departure.

SUS-KSUS

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 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	Initial climb 3000 (Jets) Initial climb 2500 (Props)
LINDBERGH 6 LINDY 6 126.500 ①	Climb on assigned heading, expect vector to appropriate route 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	Initial climb 3000 (Jets) Initial climb 2500 (Props)
OZARK 7 126.500 ①	Climb on assigned heading, expect vector to appropriate route 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	Initial climb 3000 (Jets) Initial climb 2500 (Props)

① Expect filed altitude 10 minutes after departure.

25-SEP-2014

SUS-KSUS**5-30****Obstacle Departure**

SIDPT

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.

Effective 02-MAR-2017

23-FEB-2017

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RNAV STARs DELMA 3/JHAUN 1/SLVER 1

6-10

RNAV STARs BUUDD 2/DIRTT 2

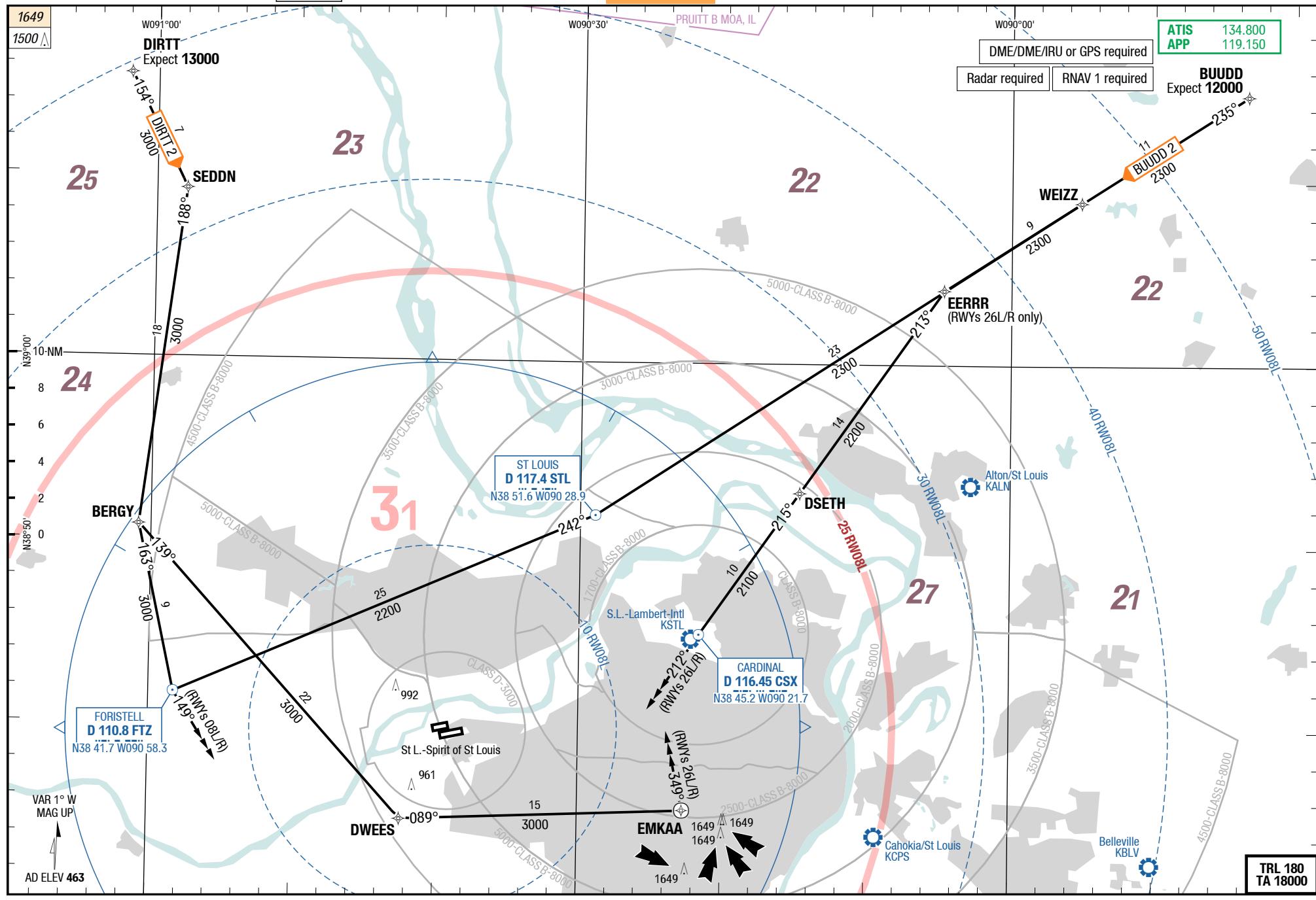
STAR

STAR

Spirit Of St Louis St Louis United States

RNAV STARs DELMA 3/JHAUN 1/SLVER 1

RNAV STARs BUUDD 2/DIRTT 2



**Effective 02-MAR-2017
23-FEB-2017**

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Spirit Of St Louis **St Louis** United States

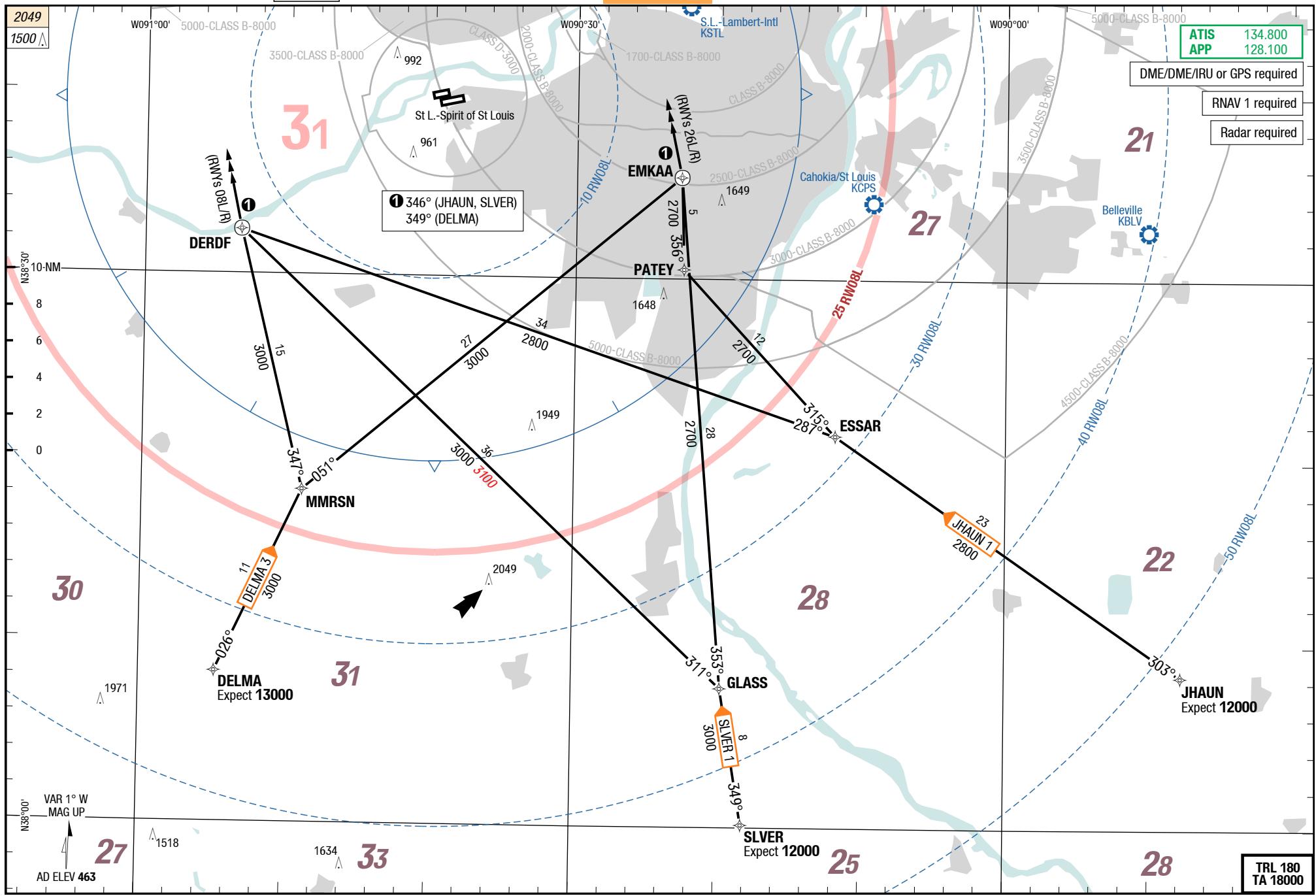
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RNAV STARs DELMA 3/JHAUN 1/SLVER 1

STAR

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RNAV STARS DELMA 3/JHAUN 1/SLVER



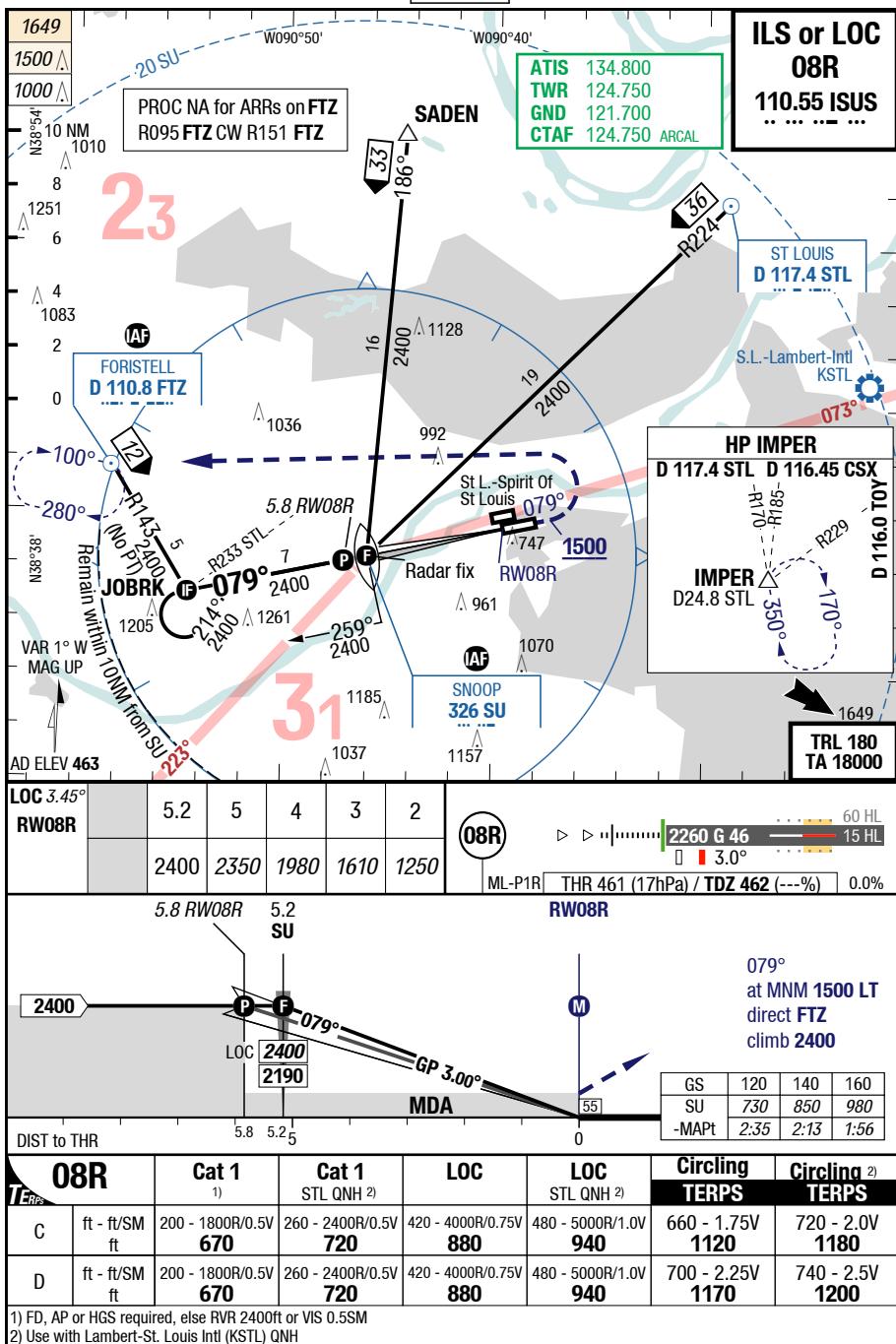
Changes: Track, PROC renumbered

23-FEB-2017

SUS-KSUS

7-10

ILS or LOC 08R



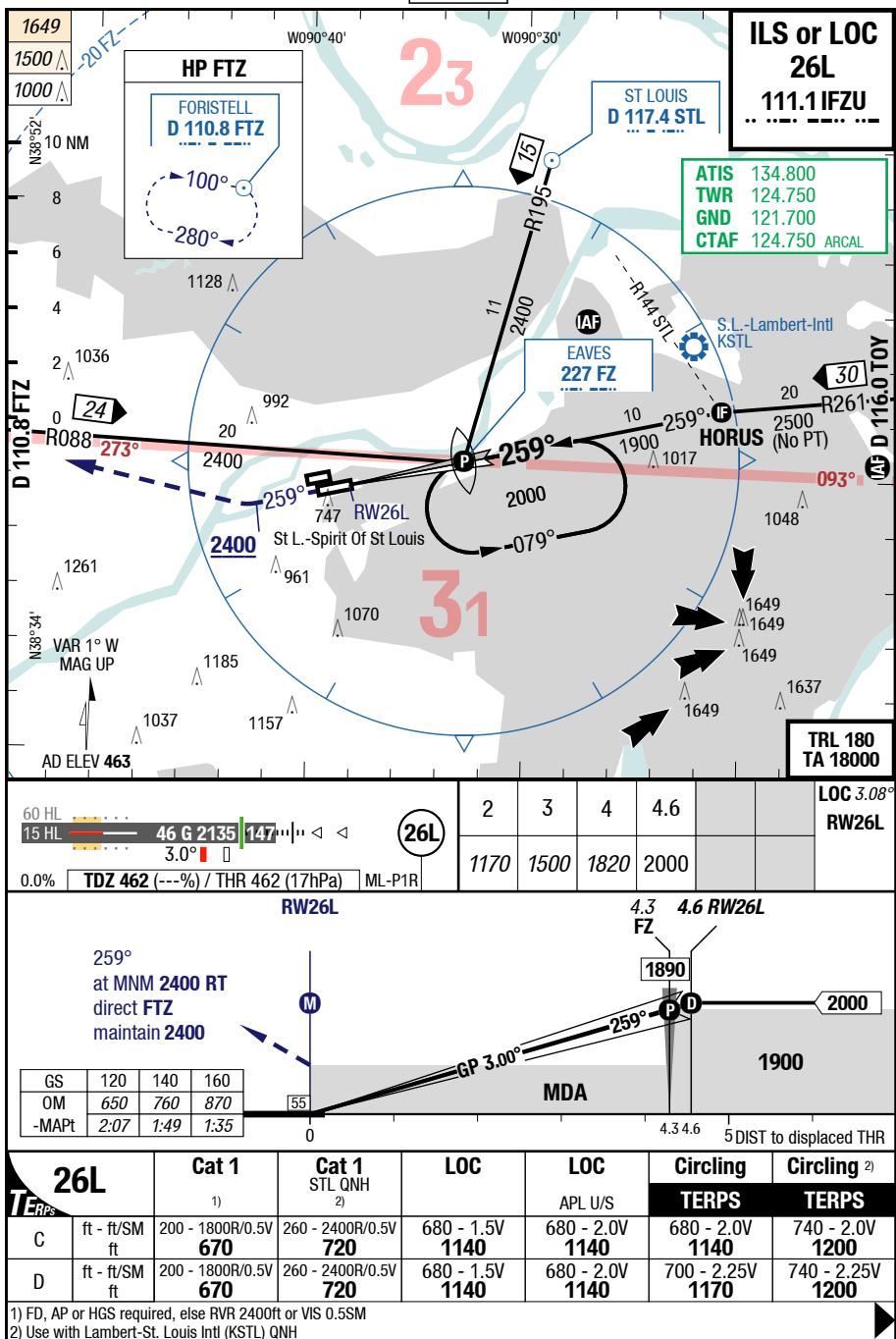
23-FEB-2017

SUS-KSUS

7-20

ILS or LOC 26L

IAC



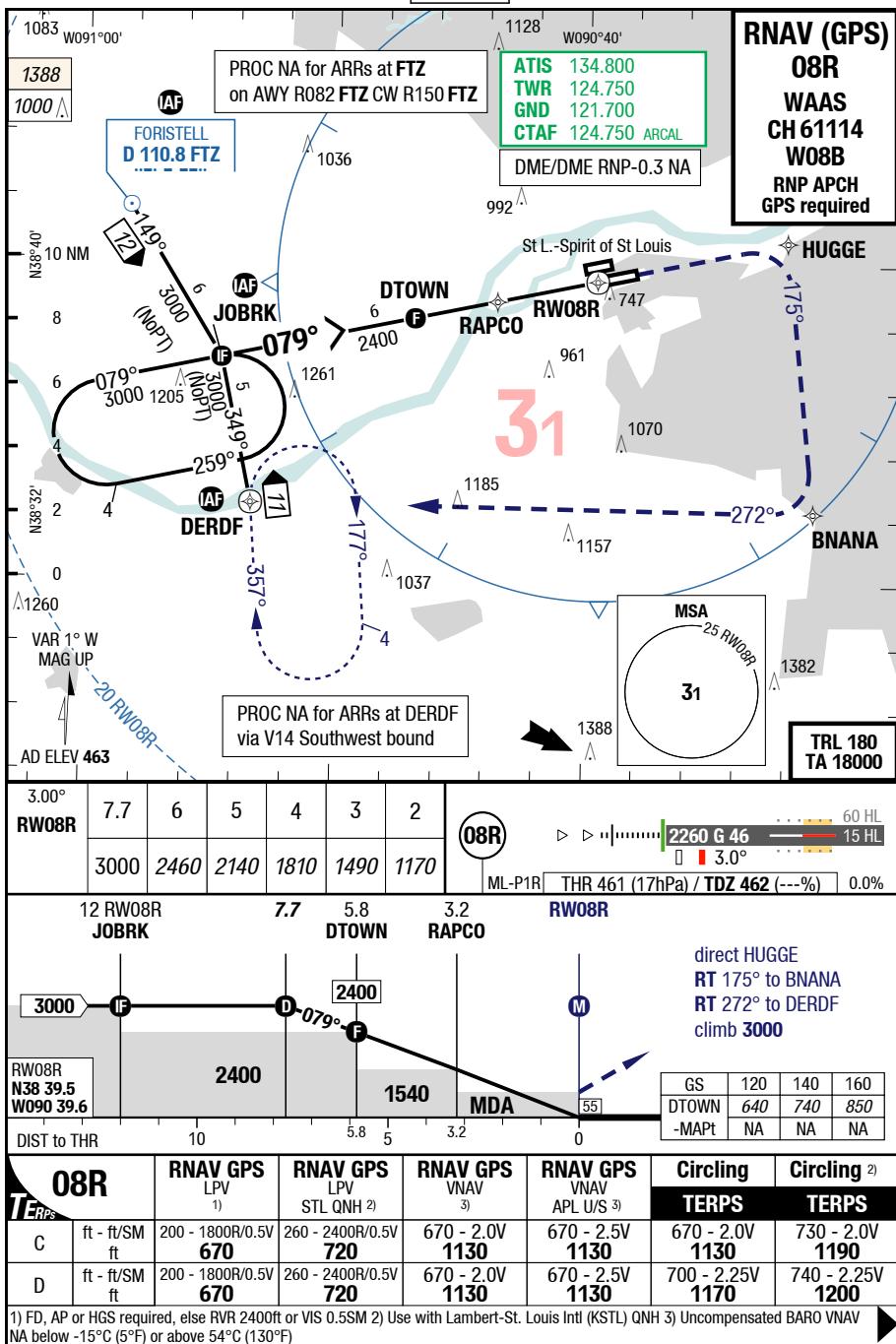
10-AUG-2017

SUS-KSUS

7-30

RNAV (GPS) 08R

IAC



Changes: MIN, AMDT No

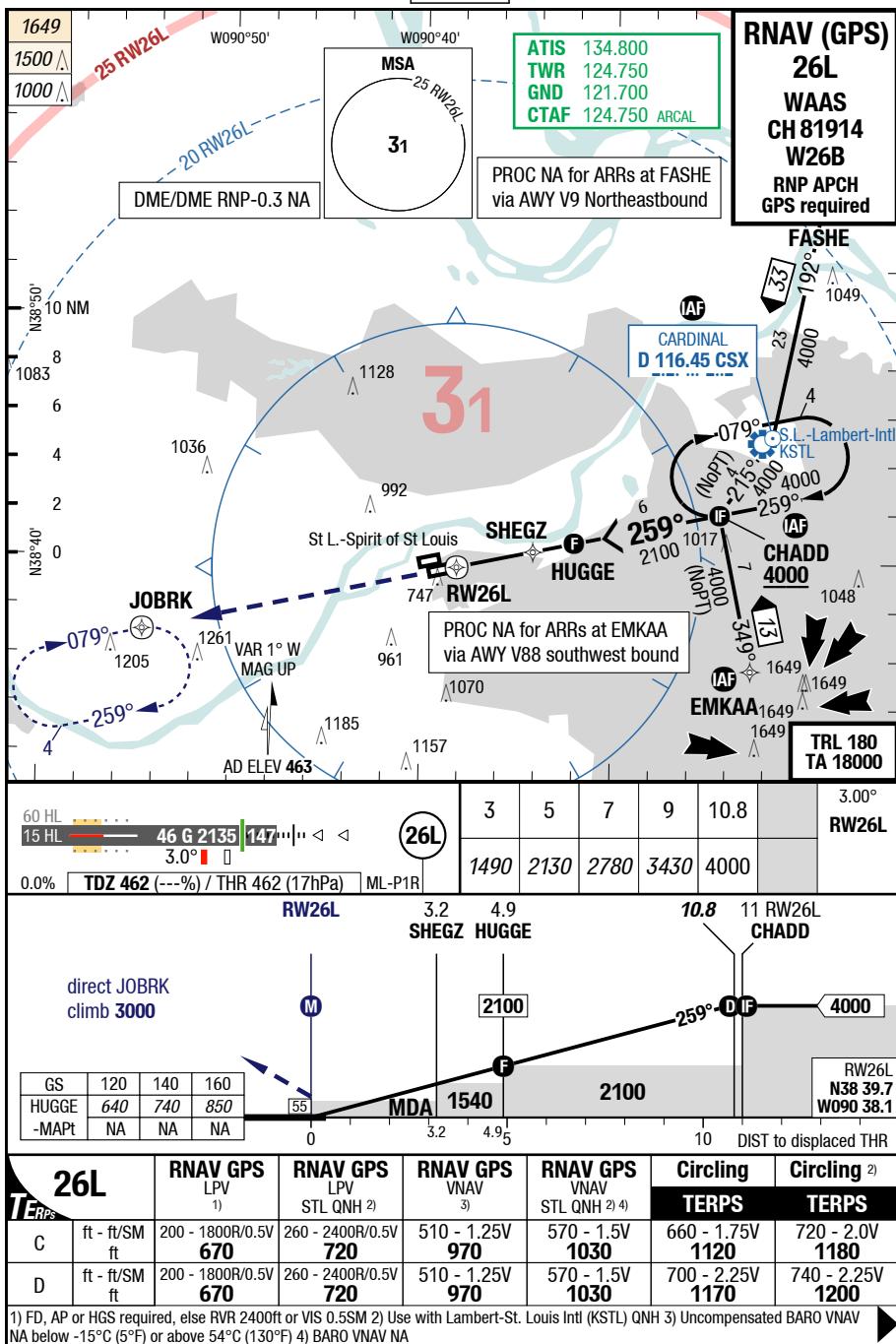
Orig B

10-AUG-2017

SUS-KSUS

7-40

RNAV (GPS) 26L



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

Changes: MIN, AMDT No

Orig C

10-AUG-2017

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

08R <i>TERPS</i>		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	
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 <i>TERPS</i>		LOC STL QNH 1)	LOC STL QNH APL U/S 1)				
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 <i>TERPS</i>		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		
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