


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: IAP	Date Open: 11/02/2015	Task #: 2015110227346801012	Request #: 20151102273468
Procedure: ILS OR LOC RWY 30R AMDT 16				Airport ID: KMSP	Airport: MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	Reimbursable #: NO
City: MINNEAPOLIS	ST: MN	GPS #:	Estimated Chart Date: 01/05/2017		FICO #:	
Fac ID: INN		Fac. Type: ILS			Specialist: JAMES ROGERS	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	05/16/2016					
QA:						
Liaison:						
Procedure Comments:		ENROUTE-NON	Remark Type: INFORMATION			
<p>ACTIVE DATA USED FOR KMSP AIRPORT. ACTIVE DATA USED FOR THE RUNWAY.</p> <p>ASSIGNED MAGVAR: 0E 2015</p> <p>CONTACT: JACOB POWERS 405.954.8702 / PETE GETZ 405.954.4919, AJV-5420 POCS</p>						

MINNEAPOLIS, MINNESOTA

AL-264 (FAA)

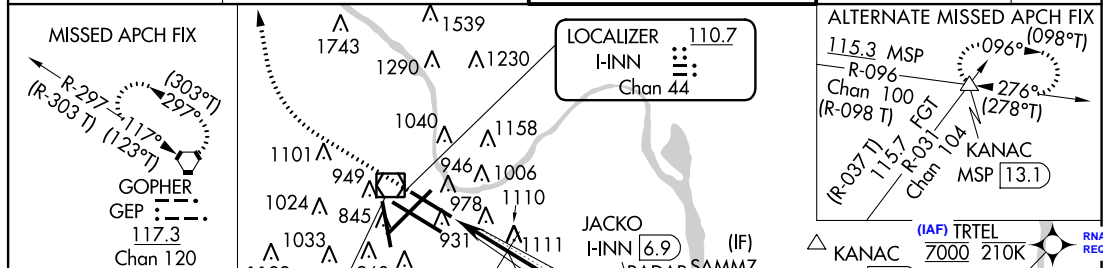
FIG

LOC/DME I-INN 110.7 Chan 44	APP CRS 301°	Rwy Idg TDZE Apt Elev	8000 822 842
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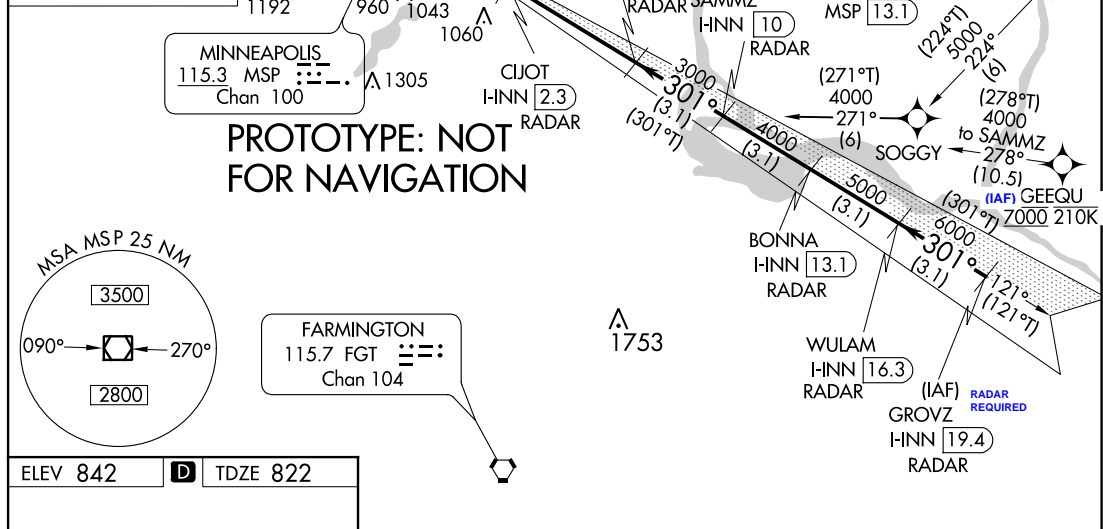
ILS or LOC RWY 30R

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

ATIS ARR 135.35 239.275 DEP 120.8	MINNEAPOLIS APP CON 118.725 335.5 (Rwy 35) 119.3 335.5 (12L-30R, 4-22, 17) 126.95 335.5 (12R-30L)	MINNEAPOLIS TOWER 123.675 273.55 (17-35) 123.95 273.55 (12L-30R) 126.7 273.55 (12R-30L, 4-22)	GND CON N 121.8 348.6 S 121.9 348.6 W 127.925 348.6	CLNC DEL 133.2
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PROTOTYPE: NOT FOR NAVIGATION



ELEV 842	D TDZE 822
HIRL all Rwy REIL Rwy 17 TDZ/CL Rwy 12L, 12R, 30L, and 35 FAF to MAP 6.7 NM	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).
LOC only * I-INN 0.2 1.3 NM 0.8 4.6 NM 3.1 NM	JACKO I-INN 6.9 CIJOT I-INN 2.3 WULAM I-INN 16.3 GROVZ I-INN 19.4 BONNA I-INN 13.1 SOGGY (6) KANAC MSP 13.1 GEEQU (10.5)
301° 6.7 N from FAF 35 859± 8200 X 130 8000 X 150 10000 X 200 0.3% DOWN	GS 3.00° TCH 55
MINNEAPOLIS, MINNESOTA Amdt 16 FIG	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP) 44°53'N-93°13'W

AUTOMATED AL-264 ILS or LOC RWY 30R

NC-1
9 SEPT 2016
COMPILER: CG
REVIEWER:
DBL CHKR:
EFF DATE: FIG

LOC/DME I-INN <u>110.7</u> Chn 44	APP CRS 301°	Rwy Idg 8000 TDZE 822 Apt Elev 842
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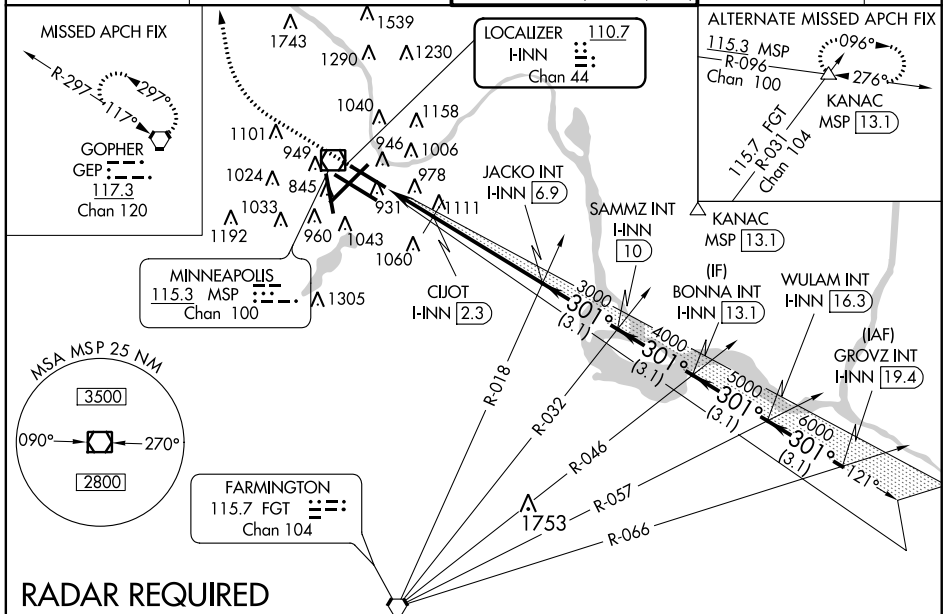
ILS Z or LOC RWY 30R
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

T Simultaneous approaches authorized with Rwy 30L and ILS V RWY 35
A (CONVERGING). For inop MALSF, increase S-LOC 30R Cat D and E
visibility to 2 miles. CIJOT fix minimums: increase S-LOC 30R Cat C/D/E
visibility to 1 $\frac{3}{8}$ mile. Inop table does not apply to S-ILS 30R all Cats.



MISSED APPROACH: Climb to 1300, then climbing right turn to 3000 direct GEP VORTAC and hold.

ATIS	MINNEAPOLIS APP CON	MINNEAPOLIS TOWER	GND CON	CNLC DEL
ARR 135.35 239.275	118.725 335.5 (Rwy 35)	123.675 273.55 (17-35)	N 121.8 348.6	
	119.3 335.5 (12L-30R, 4-22, 17)	123.95 273.55 (12L-30R)	S 121.9 348.6	133.2
DEP 120.8	126.95 335.5 (12R-30L)	126.7 273.55 (12R-30L, 4-22)	W 127.925 348.6	



RADAR REQUIRED

ELEV 842 D TDZE 822

HIRL all Rwys
REIL Rwy 17
TDZ/CL Rwys 12L, 12R, 30L, and 35
FAF to MAP 6.7 NM

Knots	60	90	120	150	180
Min:Sec	6:42	4:28	3:21	2:41	2:14

1300 3000 GEP

VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/TCH 71).

GROVZ INT
WULAM INT I-HNN 19.4
BONNA INT I-HNN 16.3
JACKO INT I-HNN 6.9
SAMMZ INT I-HNN 10
CIJOT I-HNN 2.3
*I-HNN 1.6
I-HNN 0.2

*LOC only

301° 6.7 NM from FAF

CATEGORY	A	B	C	D	E
S-ILS 30R	1072/40 250 (300-¾)				
S-LOC 30R	1520/40 698 (700-¾) 1520-1¾ 698 (700-1¾)				
C CIRCLING	1520-1 678 (700-1) 1520-2 1660-2¾ 1800-3 678 (700-2) 818 (900-2¾) 958 (1000-3)				
CIJOT FIX MINIMUMS					
S-LOC 30R	1340/40 518 (500-¾)		1340-1¼ 518 (500-1¼)		
C CIRCLING	1360-1 518 (600-1)		1460-1¾ 1660-2¾ 1800-3 618 (700-1¾) 818 (900-2¾) 958 (1000-3)		

MINNEAPOLIS, MINNESOTA

Amdt 15A 28APR16

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

44°53'N-93°13'W

ILS Z or LOC RWY 30R

NC-1, 28 APR 2016 to 26 MAY 2016

NC-1. 28 APR 2016 to 26 MAY 2016

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: MINNEAPOLIS

STATE: MN

AIRPORT NAME: MINNEAPOLIS-ST PAUL
INTL/WOLD-CHAMBERLAIN

ID: KMSP

PROCEDURE: ILS OR LOC RWY 30R

AMDT: 13

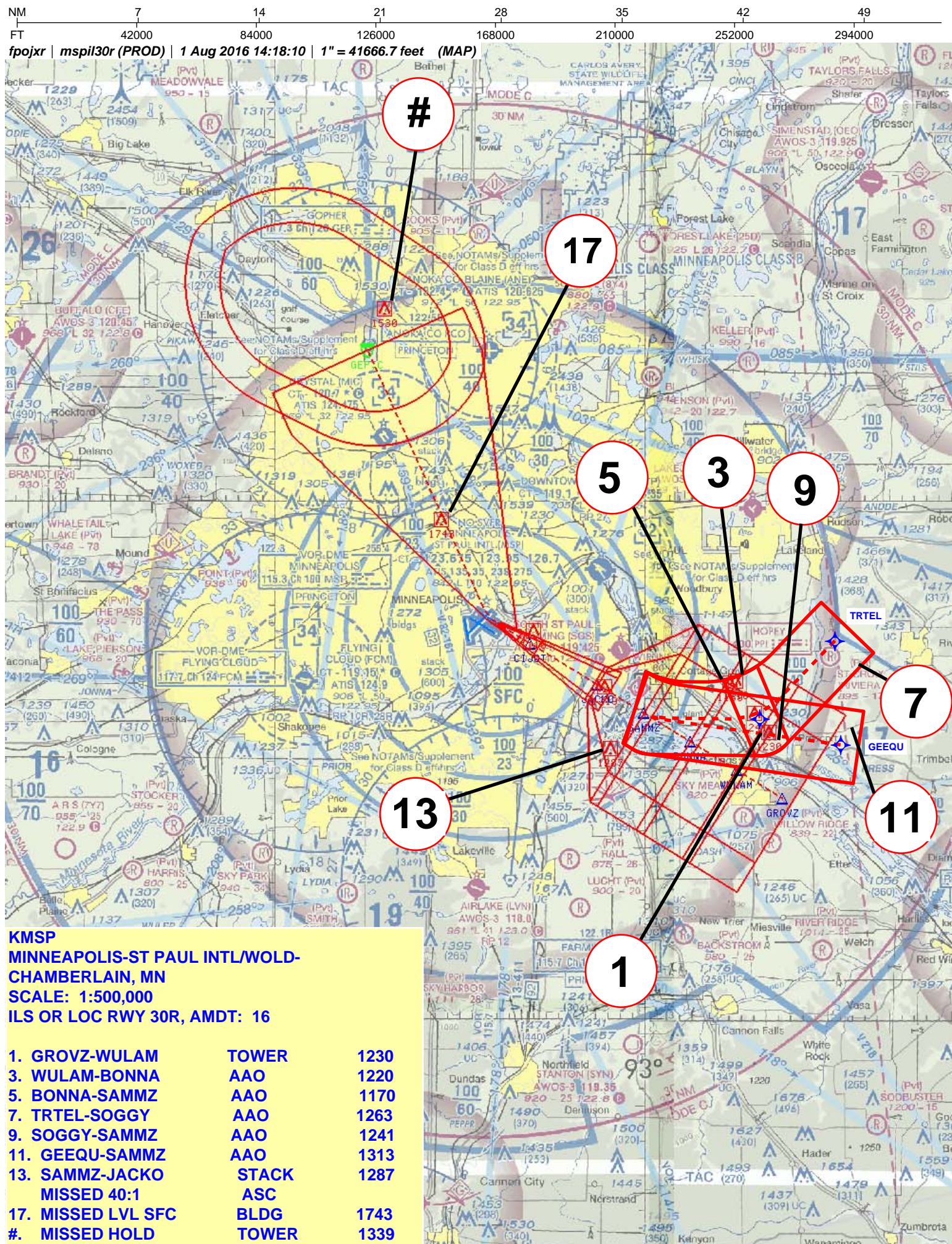
DOCKET # :

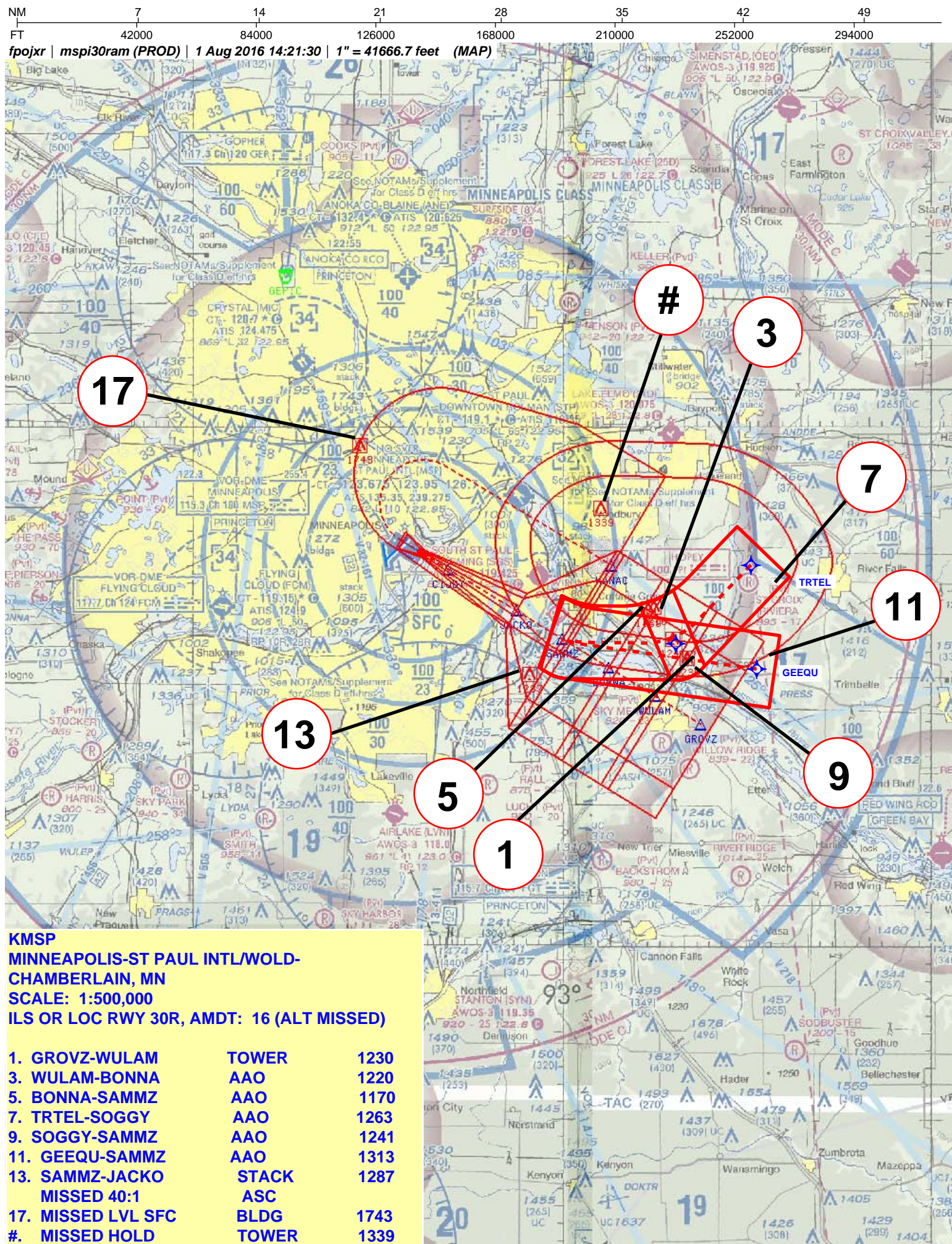
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from THLD to 1000' point 3.53
(Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of FINAL segment at 1000' point 0.98
(Enter appropriate segment: final, intermediate, etc.)
3. True Course of FINAL segment containing 1000' point 301.34
4. High terrain in FINAL segment containing 1000' point 1009
5. Distance from THLD to 1500' point 5.55
(If 1500' point is PT maneuvering area or holding pattern (see in remarks))
6. Width of FINAL segment at 1500' point 1.42
7. True Course of FINAL segment containing 1500' point 301.34
8. High terrain in FINAL segment containing 1500' point 1009
9. Threshold Coordinates (if straight-in) ... 445253.54N / 0931140.64W
10. ARP coordinates 445255.04N / 0931318.36W
11. Runway end and distance furthest from ARP.....RWY 30R
(Click to Select)
Distance 1.19 NM
12. FAF Coordinates 444928.93N / 0930349.14W
(Click to Select)

REMARKS: Approach/Drawing attached.



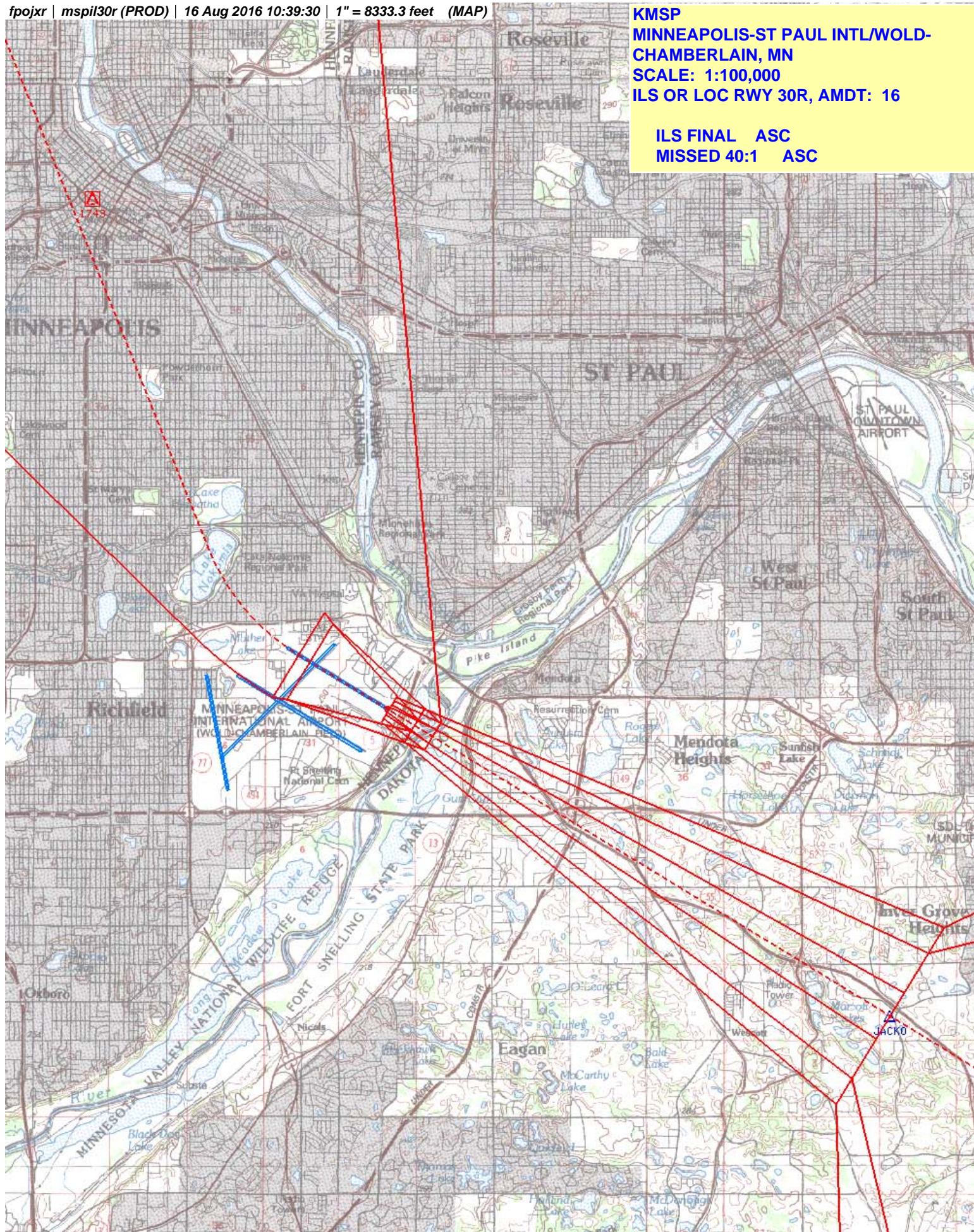


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000

fpojxr | mspil30r (PROD) | 16 Aug 2016 10:39:30 | 1" = 8333.3 feet (MAP)

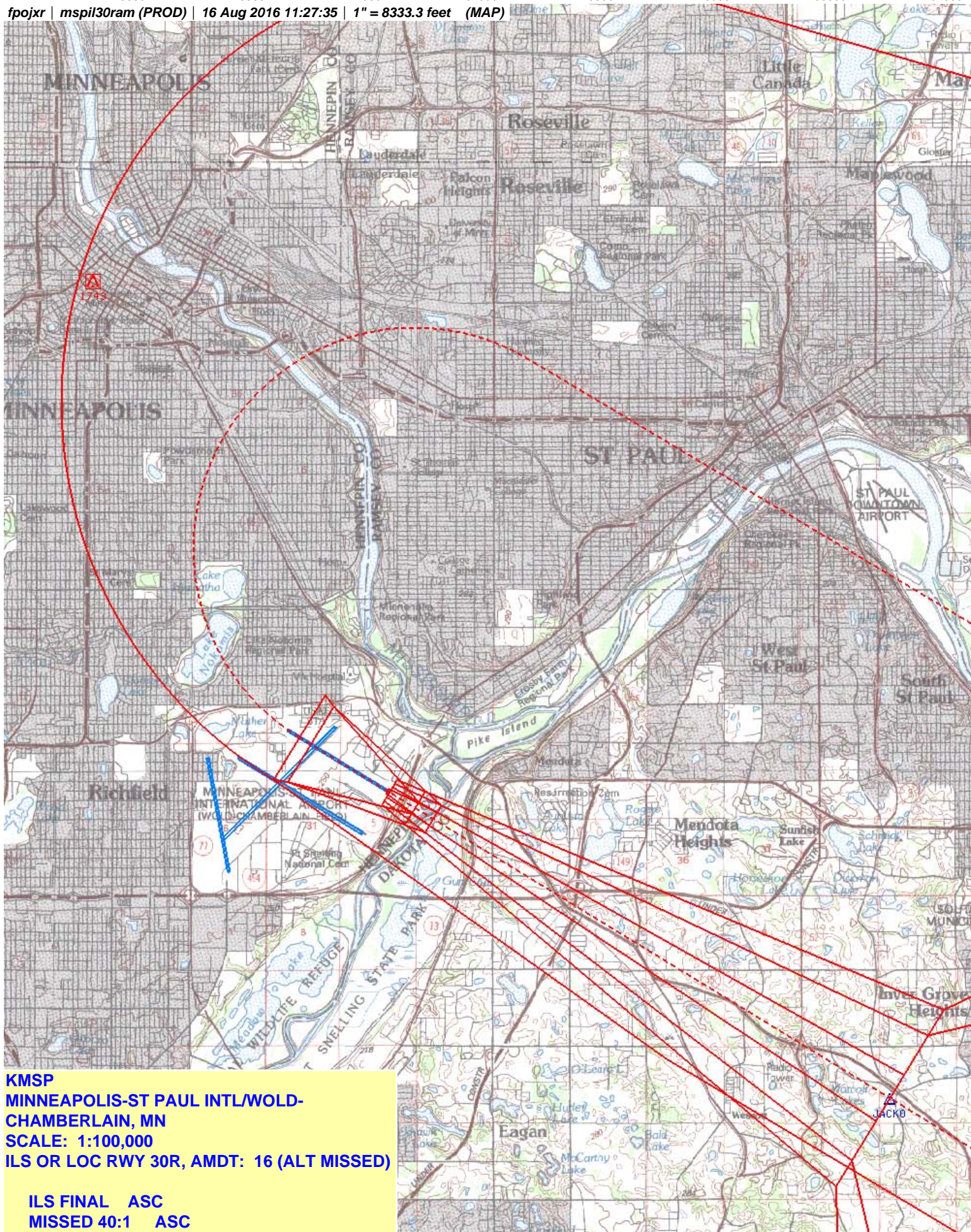
KMSP
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MN
SCALE: 1:100,000
ILS OR LOC RWY 30R, AMDT: 16

ILS FINAL ASC
MISSED 40:1 ASC



NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000

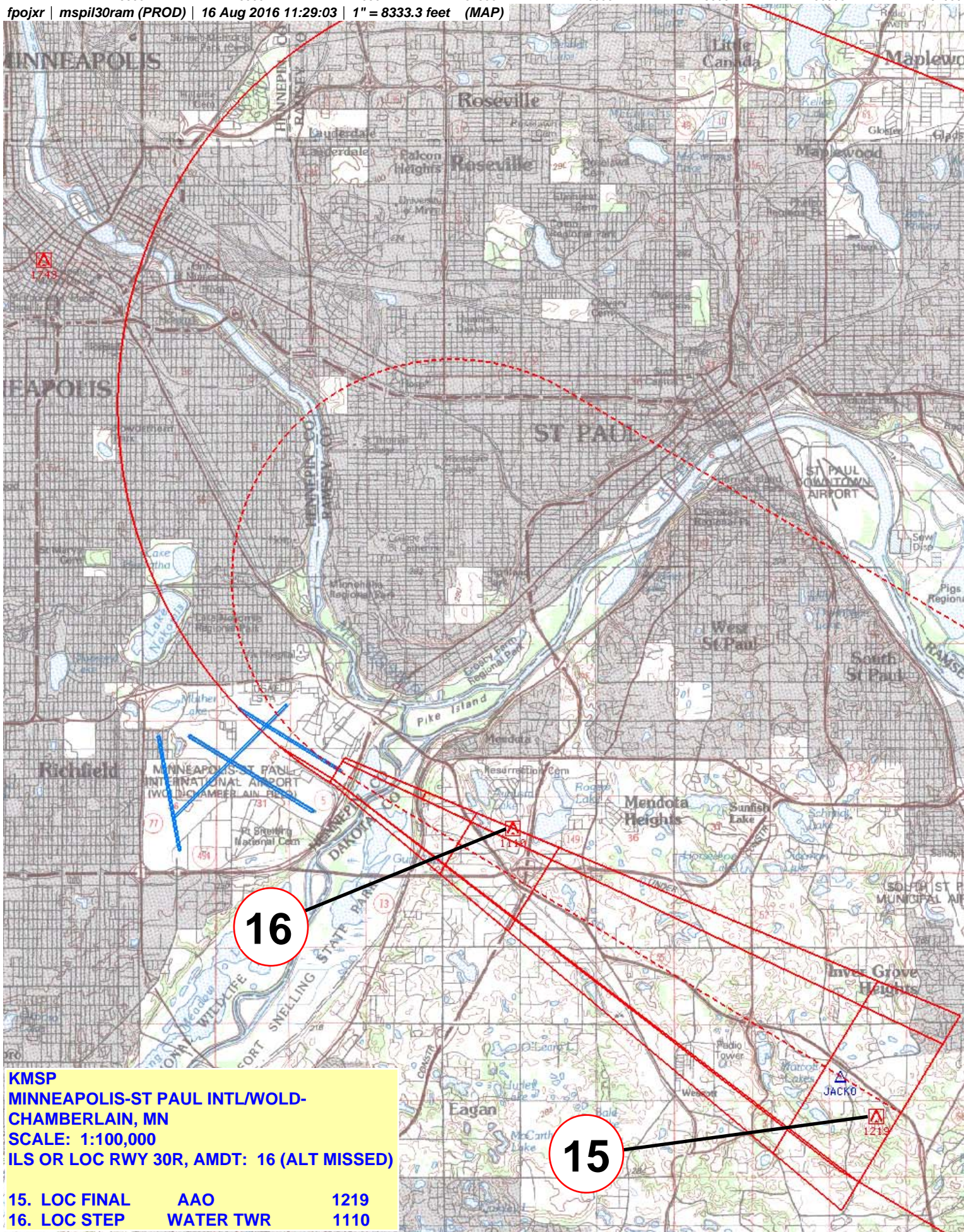
fpojxr | mspil30ram (PROD) | 16 Aug 2016 11:27:35 | 1" = 8333.3 feet (MAP)



KMSP
MINNEAPOLIS-ST PAUL INTL/WOLD-
CHAMBERLAIN, MN
SCALE: 1:100,000
ILS OR LOC RWY 30R, AMDT: 16 (ALT MISSED)

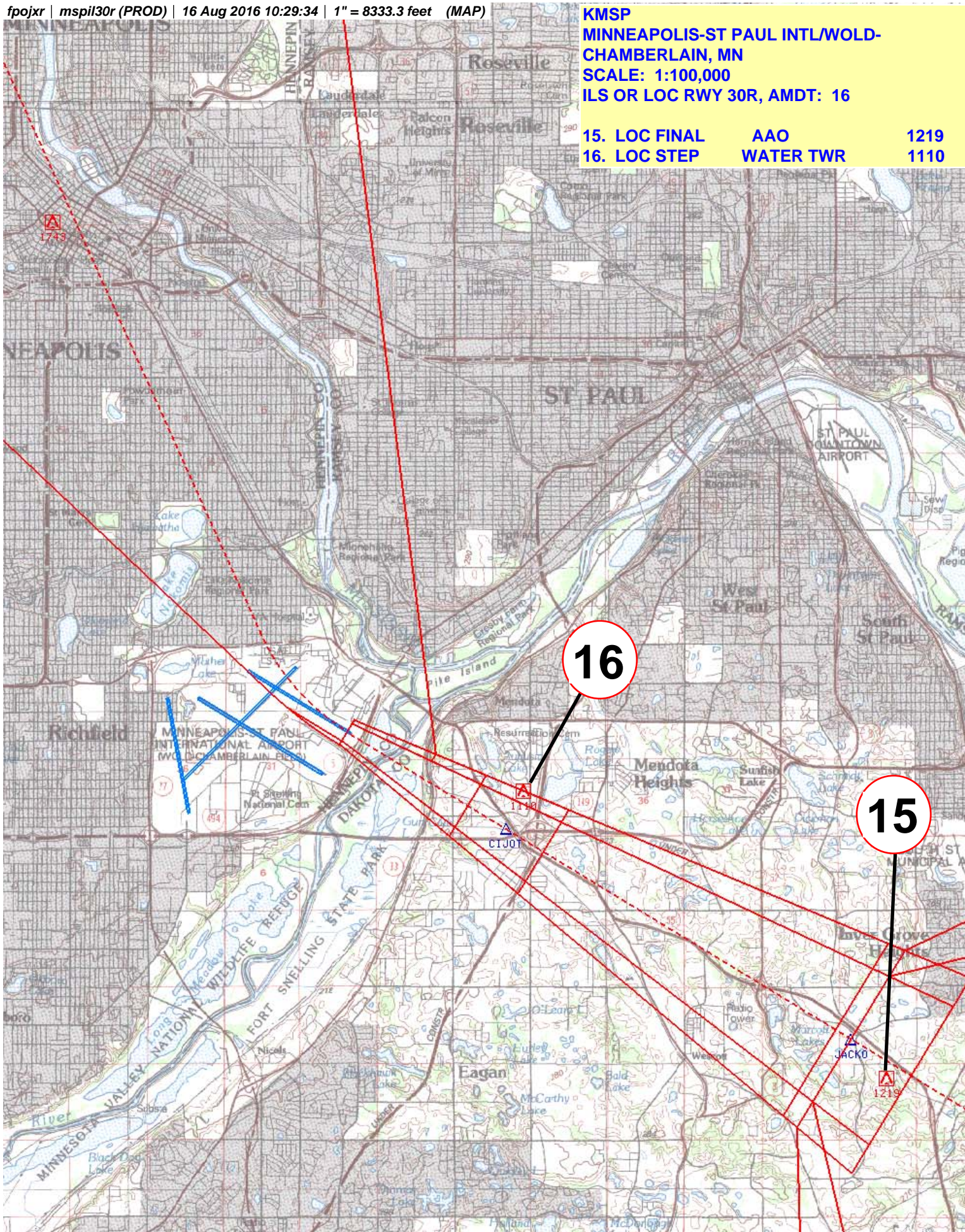
ILS FINAL ASC
MISSED 40:1 ASC

fpojxr | *msspl30ram (PROD)* | 16 Aug 2016 11:29:03 | 1" = 8333.3 feet (MAP)



fpojxr | mspil30r (PROD) | 16 Aug 2016 10:29:34 | 1" = 8333.3 feet (MAP)

15. LOC FINAL	AAO	1219
16. LOC STEP	WATER TWR	1110

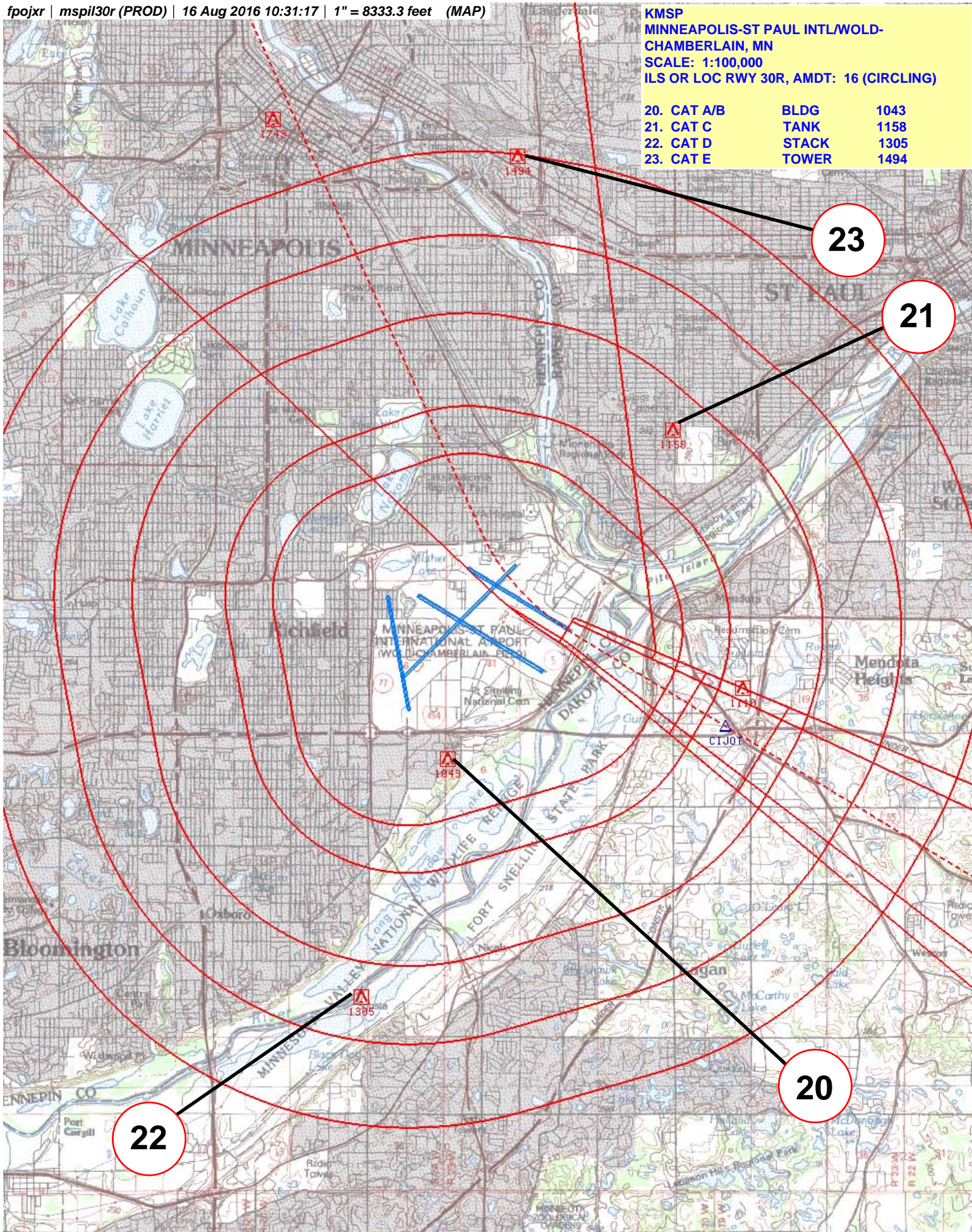


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000

fpojxr | mspil30r (PROD) | 16 Aug 2016 10:31:17 | 1" = 8333.3 feet (MAP)

KMSP
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MN
SCALE: 1:100,000
ILS OR LOC RWY 30R, AMDT: 16 (CIRCLING)

20. CAT A/B	BLDG	1043
21. CAT C	TANK	1158
22. CAT D	STACK	1305
23. CAT E	TOWER	1494



Flight Procedure Tracking Form		Action: AMENDMENT	Task Type: IAP	Date Open: 06/23/2015	Task #: 2015062332191201005	Request #: 20150623321912
Procedure: APPROACH ILS OR LOC Z RWY 30 R AMDT 15A			Airport ID: KMSP	Airport: MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN		Reimbursable #: NO
City: MINNEAPOLIS	ST: MN	GPS #:	Estimated Chart Date: 03/31/2016			FICO #:
Fac ID: N/A		Fac. Type:			Specialist: ERIC N SUSKI	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	07/06/2015	1/22/16	Eric N Suski	MAR 10 2016		
QA:						
Liaison:						
Procedure Comments:				Remark Type: INFORMATION		
PNOTAM TO UPDATE SIMULTANEOUS APPROACH NOTES REMARKS: REQUEST TABLE TOP ONLY FC EVAL CONTACT JACOB POWERS/SUB-TEAM MANAGER, IFP TEAM 2, 405.954.8702						

FIPC BASIC FORM						
PROCEDURE: ILS Z OR LOC RWY 30R 15			AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD-		AIRPORT ID: KMSP	SPECIAL CONTROL NO: BP-12-153-14
FAC ID: INN		CITY: MINNEAPOLIS			ST: MN	ORIG CHART DATE: 03/05/2015
DFL TYPE: PROC/A	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.5	REIMB. NUMBER:	PTS TASK ID:		
PREFLIGHT NOTES						
REVIEWER:					DATE:	
COMMENTS:					CHECK ONE: <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
						YES
					CPV COMPLETE? <input checked="" type="checkbox"/> X	
PROCEDURE RESULTS						
INSPECTION DATE: 01/14/2015	CREW #: VN269	N #: N55	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: brent booker @ 01/14/2015 16:25			PRINTED NAME: BOOKER, BRENT MICHAEL			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS: New circling mins and other minor updates to SIAP. SAT.						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

Periodic Review

Joseph L. Zeder

02-26-16

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN AIRPORT
MINNEAPOLIS, MN (KMSP)

ILS Z OR LOC RWY 30R AMDT 15A

Summary/Findings

PERIODIC REVIEW TERMINATED

-FULL AMENDMENT PUBLISHED ON 03/05/2015

ADDITIONAL INFORMATION:

-AIRSPACE LETTER IS IN PROCEDURE FOLDER.

-FDC NOTAM 6/6424 ADDRESSES SIMULTANEOUS OPERATIONS WITH
RUNWAYS 30L AND 35.

REVIEWED BY: NICHOLAS K. JACKSON (LOCKHEED MARTIN) 02-26-2016

Actions/Notes

J ZEDER 07/11/2016

NOTAM REQUIRED: NO

AMENDMENT REQUIRED: NO

AMENDMENT 16 PUBLISHES 1/5/17 WILL DELETE THE Z DESIGNATION

Periodic Review

05-04-15

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN
MINNEAPOLISMNKMSP

ILS OR LOC RWY 30R AMDT 14

Summary/Findings

ILS Z OR LOC RWY 30R AMDT 15 PUBLISHED 03/05/2015. PARTIAL PERIODIC
REVIEW NOT REQUIRED.

Actions/Notes