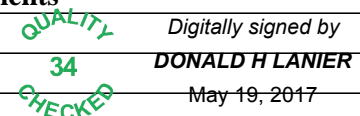


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: IAP	Date Open: 09/23/2015	Task #: 2015091430187601002	Request #: 20150914301876
Procedure: ILS OR LOC RWY 14 AMDT 2			Airport ID: KSTP	Airport: ST PAUL DOWNTOWN HOLMAN FLD		Reimbursable #: NO
City: ST PAUL	ST: MN	GPS #:	Estimated Chart Date: 08/17/2017		FICO #: 1185211	
Fac ID: VKG		Fac. Type: ILS			Specialist: MICHAEL GARRITY	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	12/19/2016	04/11/2017	BEV L BORDY			
QA:	04/11/2017	04/24/2017	BEV L BORDY			
Liaison:	04/24/2017	04/24/2017	MARY MCDONALD			
Procedure Comments: ENROUTE-NON Remark Type: INFORMATION ASSIGNED MAG VAR, KSTP: OLD 3E - NEW 0E PENDING DATA USED FOR KSTP AIRPORT - ACTIVE DATA USED FOR RUNWAYS CONTACT: BEV BORDY, TEAM 3 SUBTEAM-C MANAGER, 405.954.8293, OR PAT MULQUEEN, TEAM 3 MANAGER, 405.954.4073 05/19/17: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/15/17. 1. CHANGED 8260-2 WHISK MRA FOR FGT VORTAC FROM 3400 TO 3000 IN FIX MAKE-UP FACILITIES SECTION.						

06/20/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/15/2017.
 1. CHANGED ALL REFERENCES TO ARDNN/I-VKG 11.95 DME TO READ ARDNN INT/I-VKG 11.95 DME ON THE 8260-3.

Data as of: 05/19/2017 12:07:31 PM

FIPC BASIC FORM							
PROCEDURE: ILS OR LOC RWY 14 2			AIRPORT NAME: ST PAUL DOWNTOWN HOLMAN FLD		AIRPORT ID: KSTP	SPECIAL CONTROL NO: BP-04-290-17	
FAC ID: VKG		CITY: ST PAUL			ST: MN	ORIG CHART DATE: 08/17/2017	
DFL TYPE: PROC/A	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.5	REIMB. NUMBER:		PTS TASK ID: 2015091430187601002		
PREFLIGHT NOTES							
REVIEWER: james m meek					DATE: 05/11/2017		
COMMENTS:					CHECK ONE:		
					<input checked="" type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT		
							YES
					CPV COMPLETE?		
PROCEDURE RESULTS							
INSPECTION DATE: 05/10/2017		CREW #: VN251	N #: N58	INSTRUMENT PROCEDURE STATUS: <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: james m meek @ 05/15/2017 16:42			PRINTED NAME: MEEK, JAMES MICHAEL				NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS: Change MRA for FGT at WHISK to match missed approach holding altitude of 3000.							
IN-FLIGHT OBSTACLE REPORT							
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:

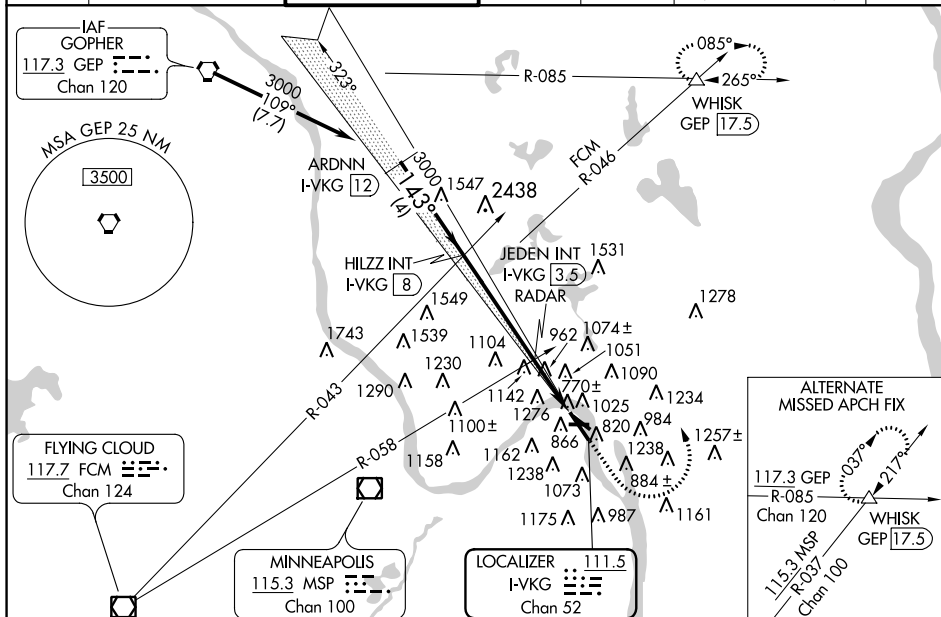
FIPC BASIC FORM						
PROCEDURE: ILS OR LOC RWY 14 2			AIRPORT NAME: ST PAUL DOWNTOWN HOLMAN FLD		AIRPORT ID: KSTP	SPECIAL CONTROL NO: BP-04-290-17
FAC ID: VKG		CITY: ST PAUL			ST: MN	ORIG CHART DATE: 08/17/2017
DFL TYPE: PROC/A	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.5	REIMB. NUMBER:	PTS TASK ID: 2015091430187601002		
PREFLIGHT NOTES						
REVIEWER: james m meek					DATE: 05/11/2017	
COMMENTS:					CHECK ONE:	
					<input checked="" type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
						YES
					CPV COMPLETE?	
PROCEDURE RESULTS						
INSPECTION DATE: 05/10/2017	CREW #: VN251	N #: N58	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: james m meek @ 05/11/2017 08:16			PRINTED NAME: MEEK, JAMES MICHAEL			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS:						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

LOC/DME I-VKG 111.5 Chan 52	APP CRS 143°	Rwy Idg TDZE Apt Elev 6148 705 705
--	------------------------	--

ILS or LOC RWY 14

ST PAUL DOWNTOWN HOLMAN FIELD (STP)

<div><div><div>▼</div><div>▲</div><div>☼</div></div><div>-29°C/-20°F</div></div> <div>Visibility reduction by helicopters NA. When local altimeter setting not received, use South St Paul altimeter setting. Inop table does not apply to S-ILS 14. For inop MALSIR increase S-LOC-14 Cat A and B visibility to RVR 5000. JEDEN fix minimums: increase S-LOC-14 Cat A and B visibility to RVR 5000.</div>	<div>MALSIR</div> <div><div>A5</div><div><div></div><div></div><div></div></div></div>	MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 via heading 350° and via FCM VOR/DME R-046 to WHISK INT/GEP 17.5 DME and hold.				
ATIS 118.35	MINNEAPOLIS APP CON 121.2	ST. PAUL TOWER ★ 119.1(CTAF) 257.8	GND CON 121.675	CLNC DEL 121.675	MINNEAPOLIS CLNC DEL 121.675 (when tower closed)	UNICOM 122.95



Procedure Turn NA	ARDNN I-VKG [12]	HILZZ INT I-VKG [8]	JEDEN INT I-VKG [3.5]	WHISK
GS 3.00° TCH 53	3000	3000	1520	
CATEGORY	A	B	C	D
S-ILS 14	955/40	250 (300-¾)		
S-LOC 14	1520/40	815 (900-¾)	1520-2 815 (900-2)	1520-2¼ 815 (900-2¼)
CIRCLING	1580-1 875 (900-1)	1580-1¼ 875 (900-1¼)	1580-2½ 875 (900-2½)	1580-2¾ 875 (900-2¾)
JEDEN FIX MINIMUMS				
S-LOC 14	1360/40	655 (700-¾)	1360/60 655 (700-1¼)	1360-1½ 655 (700-1½)
CIRCLING	1580-1 875 (900-1)	1580-1¼ 875 (900-1¼)	1580-2½ 875 (900-2½)	1580-2¾ 875 (900-2¾)
<p>ST PAUL, MINNESOTA Amdt 1A 08APR10</p>				

LOC/DME I-VKG
111.5
Chan **52**

APP CRS
146°

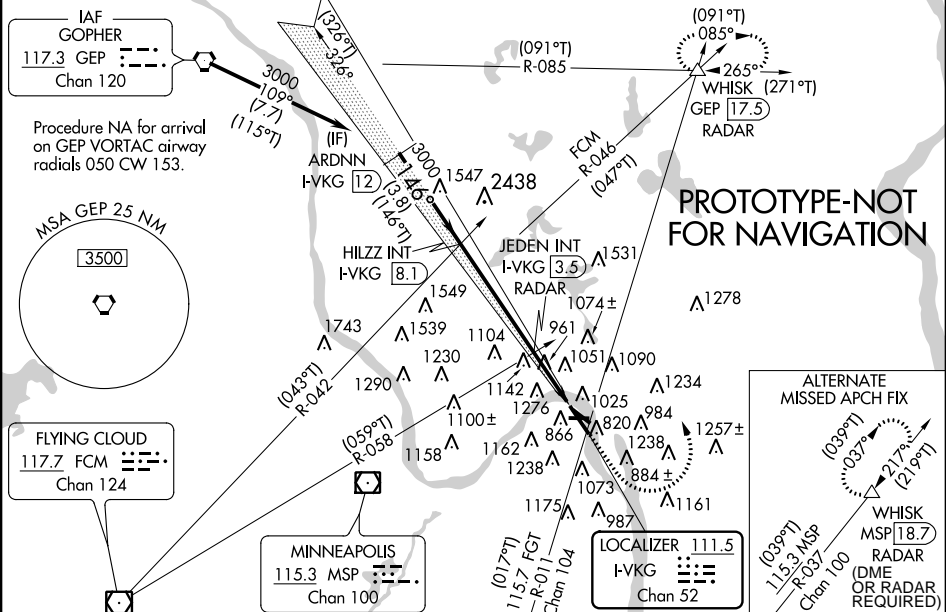
Rwy Idg
TDZE
Apt Elev
6148
705
705

Inop table does not apply to S-ILS 14. Rwy 14 helicopter visibility reduction below RVR 4000 NA. For inop ALS, increase S-LOC 14 Cat A visibility to RVR 5500, Cat B visibility to RVR 6000, and Cat C/D visibility to 2½ SM.

MALSR
A5

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 on heading 355° and on FCM VOR/DME R-046 to WHISK INT/GEF 17.5 DME and hold.

ATIS	MINNEAPOLIS APP CON	ST. PAUL TOWER ★	GND CON	CLNC DEL	MINNEAPOLIS CLNC DEL	UNICOM
118.35	121.2	119.1(CTAF) 257.8	121.675	121.675	121.675 (when tower closed)	122.95



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 50).		ELEV 705 TDZE 705	
ARDNN I-VKG 12		HILZZ INT I-VKG 8.1	
JEDEN INT I-VKG 3.5		I-VKG 3	
I-VKG 1.1		I-VKG 1.1	
GS 3.00° TCH 53		*LOC only.	
3000		3000	
3.8 NM		4.6 NM	
0.5 NM		1.9 NM	
CATEGORY		A B C D	
S-ILS 14		955/40 250 (300-¾)	
S-LOC 14		1520/40 815 (900-¾) 1520-1½ 815 (900-1½)	
CIRCLING		1580-1¼ 875 (900-1¼) 1580-2½ 875 (900-2½) 1580-2¾ 875 (900-2¾)	
JEDEN FIX MINIMUMS			
S-LOC 14		1360/40 655 (700-¾) 1360-1¾ 655 (700-1¾)	
CIRCLING		1580-1¼ 875 (900-1¼) 1580-2½ 875 (900-2½) 1580-2¾ 875 (900-2¾)	
MIRL Rwy 9-27		REIL Rwy 31	
REIL Rwy 32		HIRL Rlys 14-32 and 13-31	
FAF to MAP 7 NM			
Knots		60 90 120 150 180	
Min:Sec		7:00 4:40 3:30 2:48 2:20	

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ST PAUL**

STATE: **MN**

AIRPORT NAME: **ST PAUL DOWNTOWN HOLMAN FLD**

ID: **KSTP**

PROCEDURE: **ILS OR LOC RWY 14**

AMDT: **2**

DOCKET#: **NOT REQUIRED**

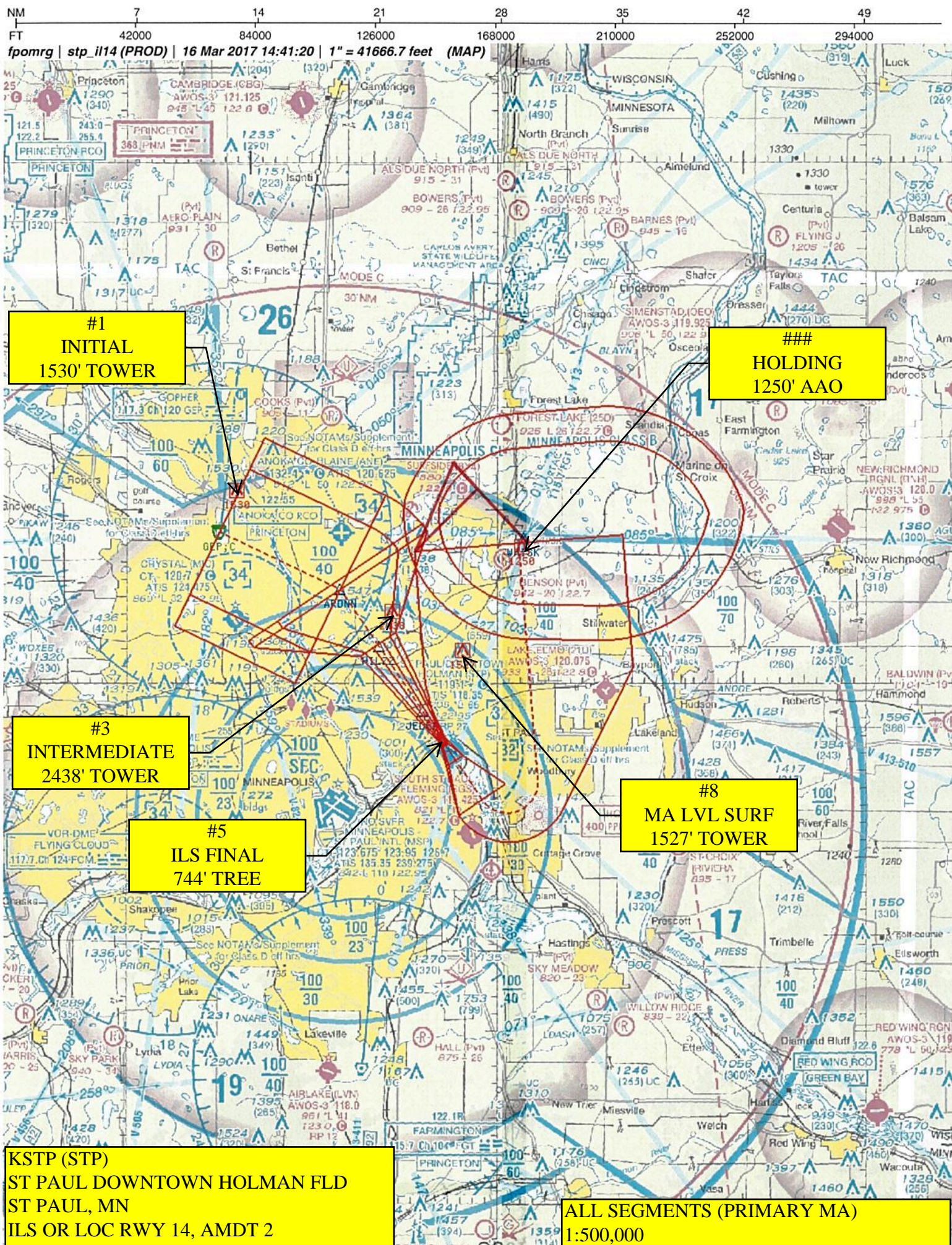
(96-AXX-X/Required/Not Required)

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

- | | | | |
|---|---------------------------------|--------------------------------|---------------|
| 1. Distance from | <u>THLD</u> | to 1000' point | <u>3.90</u> |
| <small>(Enter THLD, FAF, ARP, FACILITY, as appropriate)</small> | | | |
| 2. Width of | <u>FINAL</u> | segment at 1000' point | <u>1.06</u> |
| <small>(Enter appropriate segment, final, intermediate, etc.)</small> | | | |
| 3. True Course of | <u>FINAL</u> | segment containing 1000' point | <u>146.03</u> |
| 4. High Terrain in | <u>FINAL</u> | segment containing 1000' point | <u>1037</u> |
| 5. Distance from | <u>THLD</u> | to 1500' point | <u>6.04</u> |
| <small>(If 1500' point in PT maneuvering area or holding pattern note in remarks)</small> | | | |
| 6. Width of | <u>FINAL</u> | segment at 1500' point | <u>1.52</u> |
| 7. True Course of | <u>FINAL</u> | segment containing 1500' point | <u>146.03</u> |
| 8. High Terrain in | <u>FINAL</u> | segment containing 1500' point | <u>1037</u> |
| 9. Threshold Coordinates (if straight-in) ... | <u>445628.12N / 0930404.10W</u> | | |
| 10. ARP Coordinates | <u>445604.64N / 0930337.23W</u> | | |
| 11. Runway Approach End and distance furthest from ARP | RWY | <u>32</u> | |
| | Distance | <u>0.57</u> | NM |
| 12. FAF Coordinates | <u>450215.53N / 0930934.36W</u> | | |

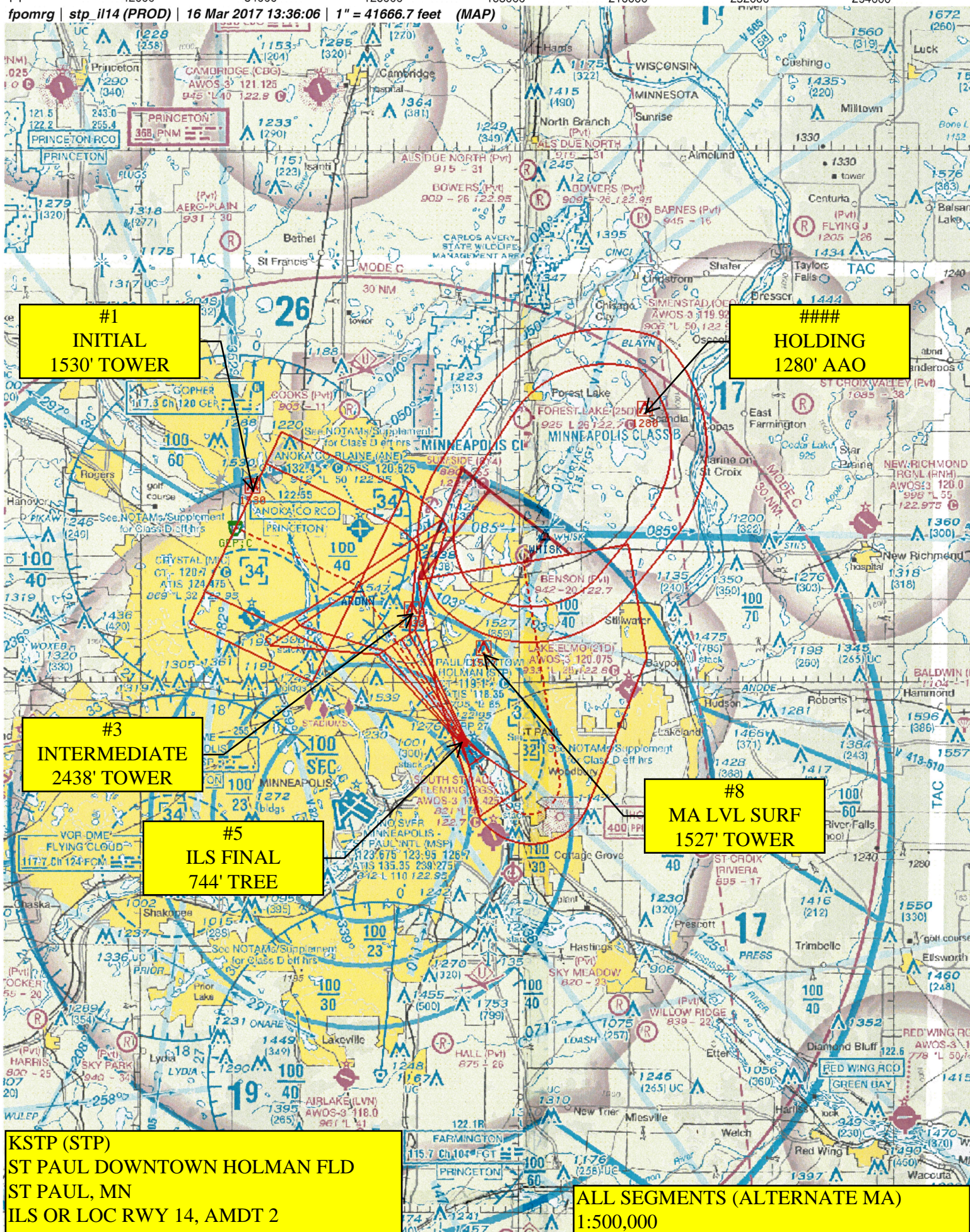
REMARKS: Approach/Drawing attached.

THRESHOLD DISPLACED 343 FT.



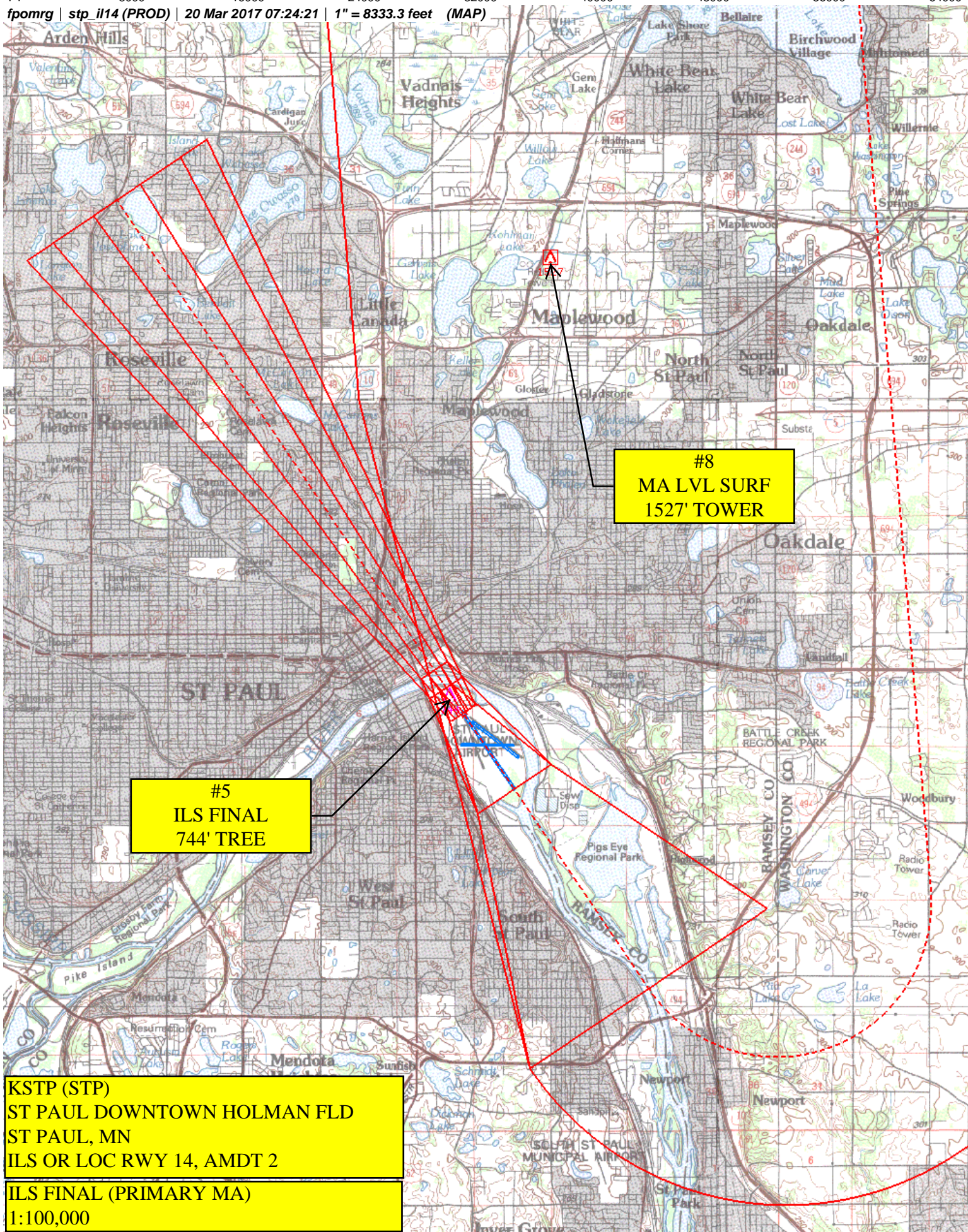
NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000

fpmrg | stp_il14 (PROD) | 16 Mar 2017 13:36:06 | 1" = 41666.7 feet (MAP)



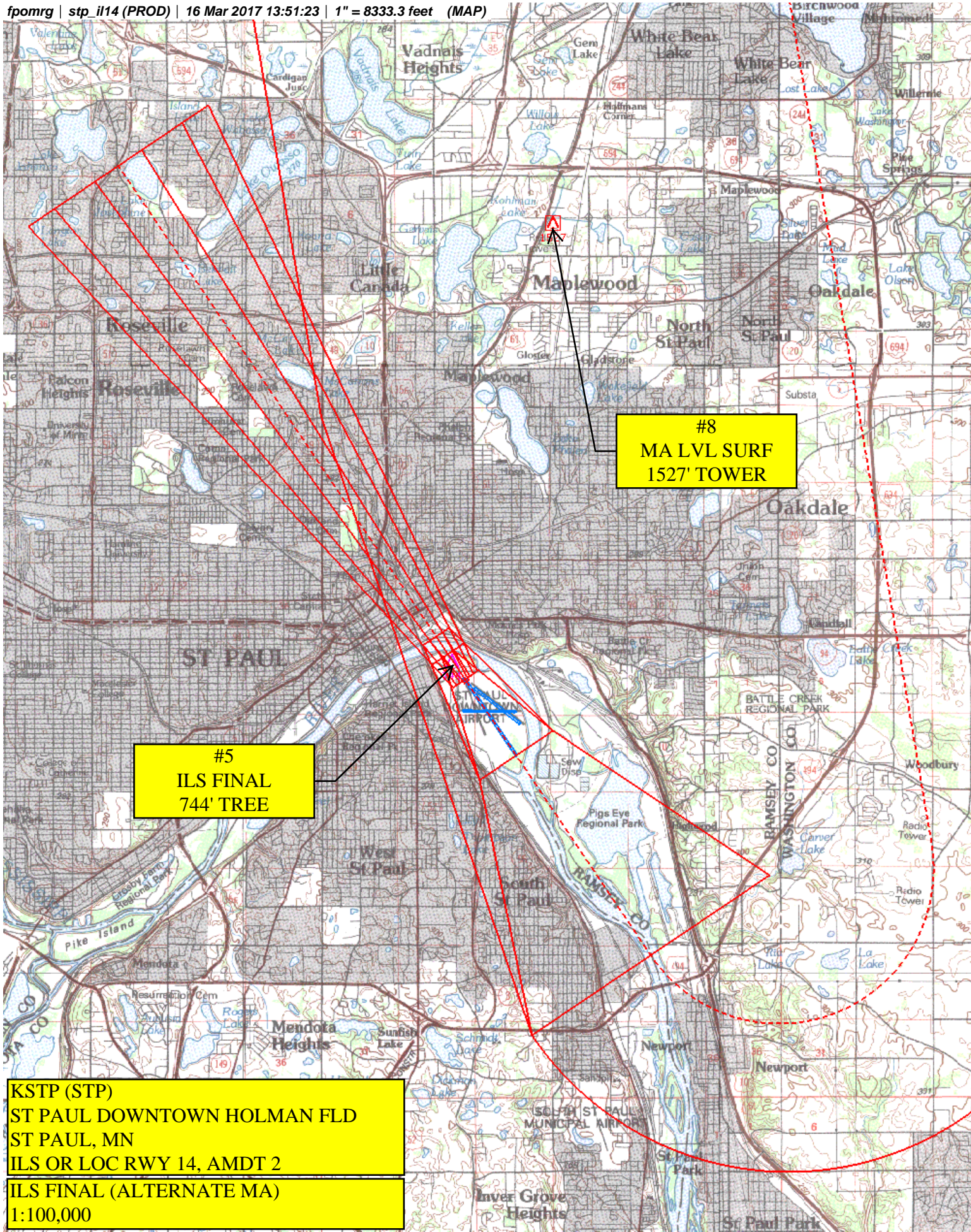
NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000

fpomrg | stp_il14 (PROD) | 20 Mar 2017 07:24:21 | 1" = 8333.3 feet (MAP)



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

fpmrg | stp_il14 (PROD) | 16 Mar 2017 13:51:23 | 1" = 8333.3 feet (MAP)



#8
MA LVL SURF
1527' TOWER

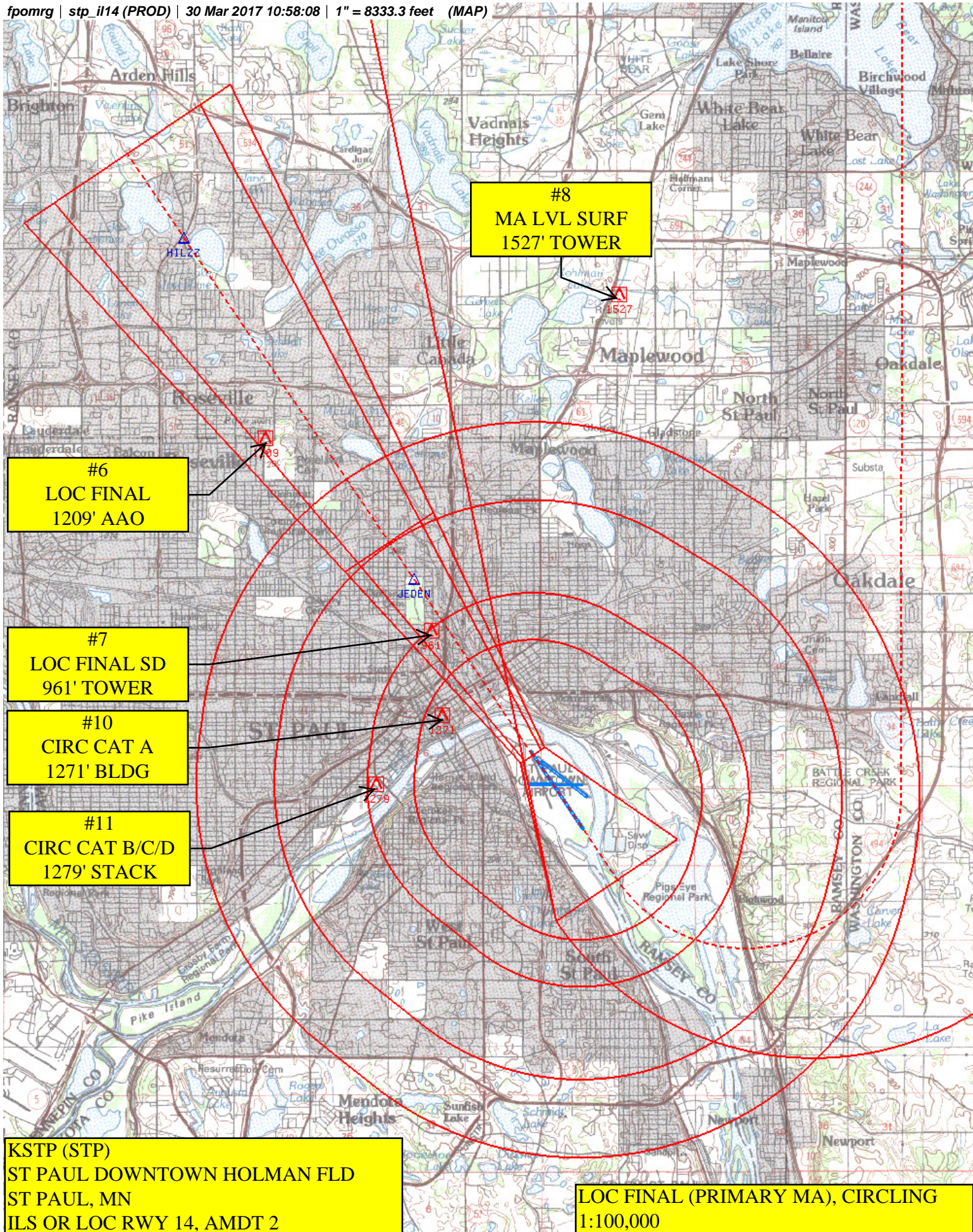
#5
ILS FINAL
744' TREE

KSTP (STP)
ST PAUL DOWNTOWN HOLMAN FLD
ST PAUL, MN
ILS OR LOC RWY 14, AMDT 2

ILS FINAL (ALTERNATE MA)
1:100,000

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

fpmrg | stp_il14 (PROD) | 30 Mar 2017 10:58:08 | 1" = 8333.3 feet (MAP)



#8
MA LVL SURF
1527' TOWER

#6
LOC FINAL
1209' AAO

#7
LOC FINAL SD
961' TOWER

#10
CIRC CAT A
1271' BLDG

#11
CIRC CAT B/C/D
1279' STACK

KSTP (STP)
ST PAUL DOWNTOWN HOLMAN FLD
ST PAUL, MN
ILS OR LOC RWY 14, AMDT 2

LOC FINAL (PRIMARY MA), CIRCLING
1:100,000

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

fpmrg | stp_il14 (PROD) | 30 Mar 2017 11:14:21 | 1" = 8333.3 feet (MAP)

