

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ORSKY	THREE	ORSKY3.ORSKY	TWO	02/28/2019	8 SEP 2022

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This is a corrected copy of a procedure originally published in NFDD 137. See page 5 for details

DP ROUTE DESCRIPTION:

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN:

TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ALL AIRCRAFT: ATC CROSSING RESTRICTIONS AND CLIMB GRADIENTS: IF UNABLE TO ACCEPT CROSSING RESTRICTIONS AND CLIMB RATES ADVISE ATC PRIOR TO TAXI.

RWY 12L/R DEPARTURES: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS MSP 7 DME AT OR ABOVE 3500, RWY 12L: 540 FEET PER NM TO 3500, 12R: 542 FEET PER NM TO 3500.

RWY 17: FOR ASSIGNED HEADINGS FROM 230 CLOCKWISE TO 285, CROSS MSP 7 DME AT OR ABOVE 3500, 512 FEET PER NM TO 3500.

RWY 30L/R: FOR ASSIGNED HEADINGS FROM 220 CLOCKWISE TO 360, CROSS MSP 7 DME AT OR ABOVE 3500, 380 FEET PER NM TO 3500.

FLYING CLOUD, ANOKA COUNTY-BLAINE (JANES FIELD):

TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ST PAUL DOWNTOWN HOLMAN FLD:

RWY 9: CLIMB ON HEADING 090.66 TO 1400 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

RWY 13: CLIMB ON HEADING 127.74 TO 1300 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

RWY 14: CLIMB ON HEADING 146.03 TO 1400 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

RWY 27: CLIMB ON HEADING 270.67 TO 1700 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

RWY 32: CLIMB ON HEADING 326.04 TO 1400 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

...ON TRANSITION OR ASSIGNED ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
ONTIJ	ORSKY3.ONTIJ	ORSKY INT	ONTIJ INT	208.36 (MSP R-208)	25.66	9000	2600	ORSKY AT OR ABOVE 9000 (MRA) ONTIJ AT OR ABOVE 12000 (MRA)

QUALITY
18
CHECKED

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ORSKY	THREE	ORSKY3.ORSKY	TWO	02/28/2019	8 SEP 2022

PROCEDURAL DATA NOTES:**PBN REQUIREMENTS NOTES:****EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED

TAKEOFF MINIMUMS:**MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN:****RWYS 12R, 17, 22:** STANDARD.**RWY 4:** STANDARD WITH MINIMUM CLIMB OF 202 FT PER NM TO 2400.**RWY 12L:** STANDARD WITH MINIMUM CLIMB OF 277 FT PER NM TO 1100.**RWY 30L:** STANDARD WITH MINIMUM CLIMB OF 208 FT PER NM TO 2000.**RWY 30R:** STANDARD WITH MINIMUM CLIMB OF 217 FT PER NM TO 2000.**RWY 35:** STANDARD WITH MINIMUM CLIMB OF 219 FT PER NM TO 2000.**ST PAUL DOWNTOWN HOLMAN FLD:****RWY 31:** NA-OBSTACLES.**RWY 14:** STANDARD.**RWY 9:** STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 1300.**RWY 13:** STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 1500.**RWY 27:** 600-2 OR STANDARD WITH MINIMUM CLIMB OF 442 FT PER NM TO 1500.**RWY 32:** STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 3000.**FLYING CLOUD:****RWYS: 10L/R, 18, 28L/R, 36:** STANDARD.**ANOKA COUNTY-BLAINE (JANES FIELD):****RWY 9:** STANDARD WITH A MINIMUM CLIMB OF 341 FT PER NM TO 3000.**RWY 18:** STANDARD WITH A MINIMUM CLIMB OF 371 FT PER NM TO 3000.**RWY 27:** STANDARD WITH A MINIMUM CLIMB OF 259 FT PER NM TO 2800.**RWY 36:** STANDARD WITH A MINIMUM CLIMB OF 259 FT PER NM TO 2800.**TAKEOFF OBSTACLES NOTES:**

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:**MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN:****RWY 4:** 2438 FT MSL TOWER 450344.83N/0930822.61W.**RWY 12L:** 979 FT MSL TRANSMISSION LINE 445235.36N/0931010.19W.**RWY 30L:** 1743 FT MSL BLDG 445834.00N/0931621.00W.**RWY 30R:** 1743 FT MSL BLDG 445834.00N/0931621.00W.**RWY 35:** 1743 FT MSL BLDG 445834.00N/0931621.00W.**ST PAUL DOWNTOWN HOLMAN FLD:****RWY 9:** 977 FT MSL TREE 445624.13N/0930133.24W (CLIMB GRADIENT), 1058 FT MSL TREE 445602.98N/0930100.41W (CLIMB-TO-ALTITUDE).**RWY 13:** 1238 FT MSL TOWER 445440.64N/0925910.72W.**RWY 14:** 1238 FT MSL TOWER 445440.64N/0925910.72W (CLIMB GRADIENT), 2376 FT MSL TOWER 450330.00N/0930728.00W (CLIMB-TO-ALTITUDE).**RWY 27:** 1279 FT MSL STACK 445600.44N/0930631.02W.**RWY 32:** 973 FT MSL POLE 445730.10N/0930432.14W (CLIMB GRADIENT), 2376 FT MSL TOWER 450330.00N/0930728.00W (CLIMB-TO-ALTITUDE).

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ORSKY	THREE	ORSKY3.ORSKY	TWO	02/28/2019	8 SEP 2022

ANOKA COUNTY-BLAINE (JANES FIELD):**RWY 9, 18, 27, 36:** 2438 FT MSL TOWER 450345.00N/0930822.00W.**MSA:****LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:****ALL AIRPORTS - CHART: TOP ALTITUDE:** ASSIGNED BY ATC.**CHART:** FGT R-258 AT JURNY, FOW R-318 AT RUMLE, FOW R-268 AT PEDLN, MCW R-306 AT ORSKY, MCW R-278 AT ONTIJ.**CHART:** AT OR ABOVE 9000 AT PEDLN (MRA).**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMSP	MINNEAPOLIS	MN
KSTP	ST PAUL	MN
KFCM	MINNEAPOLIS	MN
KANE	MINNEAPOLIS	MN

COMMUNICATIONS:

CHART ATIS, CLEARANCE DELIVERY, CPDLC, ATCT.

FIXES AND/OR NAVAIDS:**REMARKS:**

WAIVER ON FILE FOR PUBLICATION OF ATC CLIMB GRADIENTS

APPROVAL LETTER ON FILE FOR CLIMB GRADIENTS IN EXCESS OF 500 FT/NM.

FLIGHT INSPECTED BY

DEAN D BROWN

*Digitally signed by***ERIC N SUSKI**

Jul 26, 2022

OFFICE

FPO

DATE

05/04/2022

DEVELOPED BY

DONALD LANIER (MICAH HILLEY)

*Digitally signed by***ERIC N SUSKI**

Jul 26, 2022

OFFICE

AJV-A431

DATE

03/08/2022

APPROVED BY

LONNIE EVERHART

*Digitally signed by***ERIC N SUSKI**

Jul 26, 2022

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
ORSKY	THREE	ORSKY3.ORSKY	TWO	02/28/2019	8 SEP 2022

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, ATCT, AMGR

CHANGES - REASONS:

1. INCORPORATED FDC NOTAM 2/0043
2. CHANGED KMSP RWY 4 ROUTE DESCRIPTION FROM: CLIMB HEADING 045.00 TO 2100 BEFORE TURNING LEFT TO: CLIMB ON HEADING 045.00 TO 2100 BEFORE TURNING LEFT - 8260.46H 2-1-1 G.
3. CHANGED KSTP ROUTE DESCRIPTION FOR RWYS 9, 13, 14, 27, 32 FROM: "CLIMB HEADING" TO: "CLIMB ON HEADING" - 8260.46H 2-1-1- G.
4. CHANGED KANE ROUTE DESCRIPTION FOR RWY 36 FROM: "CLIMB HEADING TO: "CLIMB ON HEADING" - 8260.46H 2-1-1 G.
5. CHANGED KMSP ROUTE DESCRIPTION DME EQUIPPED AIRCRAFT **RWY 12L/R** DEPARTURES FROM: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS MSP 7 DME AT OR ABOVE 3500. MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE... TO: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS MSP 7 DME AT OR ABOVE 3500, RWY 12L: 540 FEET PER NM TO 3500, 12R: 542 FEET PER NM TO 3500 - ADDED ATC CLIMB GRADIENT TO ENSURE AIRCRAFT REACH 3500 AT 7 DME; ATC REQUEST.
6. REMOVED FROM KMSP DP ROUTE DESCRIPTION: NON-DME EQUIPPED AIRCRAFT **RWY 12L/R** DEPARTURES: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS FGT R-010 AT OR ABOVE 3500. MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE... - ADDED ATC CLIMB GRADIENT TO ENSURE AIRCRAFT REACH 3500 AT 7 DME; ATC REQUEST.
7. CHANGED DEPARTURE ROUTE DESCRIPTION TAKEOFF RUNWAY 17 DEPARTURES FROM: FOR ASSIGNED HEADINGS FROM 230 CLOCKWISE TO 285, CROSS MSP 7 DME AT OR ABOVE 3500. MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE... TO: FOR ASSIGNED HEADINGS FROM 230 CLOCKWISE TO 285, CROSS MSP 7 DME AT OR ABOVE 3500, 512 FEET PER NM TO 3500 - ADDED ATC CLIMB GRADIENT TO ENSURE AIRCRAFT REACH 3500 AT 7 DME; ATC REQUEST.
8. CHANGED DEPARTURE ROUTE DESCRIPTION TAKEOFF RUNWAY 30L/R DEPARTURES FROM: FOR ASSIGNED HEADINGS FROM 220 CLOCKWISE TO 360, CROSS MSP 7 DME AT OR ABOVE 3500. MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE... TO: FOR ASSIGNED HEADINGS FROM 220 CLOCKWISE TO 360, CROSS MSP 7 DME AT OR ABOVE 3500, 380 FEET PER NM TO 3500 - ADDED ATC CLIMB GRADIENT TO ENSURE AIRCRAFT REACH 3500 AT 7 DME; ATC REQUEST.
9. REMOVED FOD TRANSITION - FOD VORMON; ATC REQUEST.
10. REMOVED OMAHA TRANSITION AND ADDED ONTIJ TRANSITION - REMOVED OMAHA TRANSITION FROM PROCEDURE USE; ATC REQUEST.
11. MOVED PROCEDURAL DATA NOTE RADAR REQUIRED TO EQUIPMENT NOTES - 8260.46H APPENDIX D SECTION 2 (6) & (7).
12. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM: CHART: FGT R-258 AT JURNY, FOW R-318 AT RUMLE, FOW R-268 AT PEDLN, MCW R-306 AT ORSKY, MCW R-278 AT ONTIJ, FOD R-312 AT GOOLD, FOD R-294 AT SIMJI, DSM R-308 AT EYHUX, DSM R-281 AT TODDO TO: FGT R-258 AT JURNY, FOW R-318 AT RUMLE, FOW R-268 AT PEDLN, MCW R-306 AT ORSKY, MCW R-278 AT ONTIJ - END SID AT ONTIJ; PER ATC REQUEST.
13. CHANGED KMPS TAKEOFF MINIMUMS RWY 12L FROM: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 207 FT PER NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FT PRIOR TO DER TO: STANDARD; RWY 30L FROM: STANDARD TO: STANDARD WITH A MINIMUM CLIMB OF 210 FT PER NM TO 2100; RWY 30R FROM: STANDARD TO: STANDARD WITH A MINIMUM CLIMB OF 220 FT PER NM TO 2100 - NEW CONTROLLING OBSTACLES.
14. ADDED CONTROLLING OBSTACLE TO KMSP RWYS 30L/R: 1743 FT MSL BUILDING - 8260.19I APPENDIX D SECTION 2 10(A); NEW EVALUATION.
15. REMOVED CONTROLLING OBSTACLE FROM KMSP RWY 12L - 8260.19I APPENDIX D SECTION 2 10(A); NEW EVALUATION.
16. CHANGED CONTROLLING OBSTACLE KSTP RWY 9 FROM: 1099 FT MSL TREE 445605.23N/0930103.53W TO: 977 FT MSL TREE 445624.13N/0930133.24W (CLIMB GRADIENT), 1058 FT MSL TREE 445602.98N/0930100.41W (CLIMB-TO-ALTITUDE) - 8260.19I APPENDIX D SECTION 2 10(A); NEW EVALUATION.
17. CHANGED CONTROLLING OBSTACLE KSTP RWY 14 FROM: 1239 FT MSL AAO 445345.20N/0925922.28W TO: 1238 FT MSL TOWER 445440.64N/0925910.72W (CLIMB GRADIENT), 2376 FT MSL TOWER 450330.00N/0930728.00W (CLIMB-TO-ALTITUDE) - 8260.19I APPENDIX D SECTION 2 10(A); NEW EVALUATION.
18. CHANGED CONTROLLING OBSTACLE KSTP RWY 32 FROM: 973 FT MSL POLE 445730.00N/0930432.00W TO: 973 FT MSL POLE 445730.00N/0930432.00W (CLIMB GRADIENT), 2376 FT MSL TOWER 450330.10N/0930728.14W (CLIMB-TO-ALTITUDE) - 8260.19I APPENDIX D SECTION 2 10(A); NEW EVALUATION.
19. ADDED "WAIVER ON FILE FOR PUBLICATION OF ATC CLIMB GRADIENTS", AND "APPROVAL LETTER ON FILE FOR CLIMB GRADIENTS IN EXCESS OF 500 FT/NM" TO REMARKS - 8260.46H
20. CHANGED COMMUNICATIONS FROM: ATIS, CLEARANCE DELIVERY, DEPARTURE CONTROL SOUTH OR EAST, DEPARTURE CONTROL NORTH OR WEST, CPDLC, ATCT TO: CHART ATIS, CLEARANCE DELIVERY, CPDLC, ATCT - 8260.46H APPENDIX D SECTION 2 (14).
21. ADDED DEPARTURE ROUTE DESCRIPTION: ALL AIRCRAFT: ATC CROSSING RESTRICTIONS AND CLIMB GRADIENTS: IF UNABLE TO ACCEPT CROSSING RESTRICTIONS AND CLIMB RATES ADVISE ATC PRIOR TO TAXI - 8260.46H APPENDIX D SECTION 2 3(A) & (B).

QUALITY
18
CHECKED

05/17/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/08/2022.

1. CHANGED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN DEPARTURE ROUTE DESCRIPTION FROM: TAKEOFF ALL RWYS: FLY ASSIGNED HEADING FOR RADAR VECTORS TO MSP R-208 TO ORSKY INT/MSP 85.00 DME. MAINTAIN ATC ASSIGNED ALTITUDE TO: TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.
2. REMOVED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN DEPARTURE ROUTE DESCRIPTION RWY 4: CLIMB ON HEADING 045.00 TO 2100 BEFORE TURNING LEFT.
3. CHANGED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN DEPARTURE ROUTE DESCRIPTION FROM: DME EQUIPPED AIRCRAFT RWY 12L/R DEPARTURES: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS MSP 7 DME AT OR ABOVE 3500, RWY 12L: 540 FEET PER NM TO 3500, 12R: 542 FEET PER NM TO 3500 TO: RWY 12L/R DEPARTURES: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS MSP 7 DME AT OR ABOVE 3500, RWY 12L: 540 FEET PER NM TO 3500, 12R: 542 FEET PER NM TO 3500.
4. CHANGED FLYING CLOUD DEPARTURE ROUTE DESCRIPTION FROM: TAKEOFF ALL RWYS: FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME. THENCE... TO: TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY,

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ORSKY	THREE	ORSKY3.ORSKY	TWO	02/28/2019	8 SEP 2022

THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

5: CHANGED ANOKA COUTNY-BLAINE (JANES FIELD) DEPARTURE ROUTE DESCRIPTION FROM: RWYS 9, 18, 27: FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME. THENCE... AND RWY 36: CLIMB ON HEADING 358.68 TO 1700 BEFORE PROCEEDING SOUTHEAST BOUND FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME.THENCE...TO: TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

6: REMOVED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN DEPARTURE ROUTE DESCRIPTION RWY 22,35: INITIALLY ASSIGNED HEADING. THENCE...

7: ADDED ORSKY AT OR ABOVE 9000 (MRA) TO ONTIJ TRANSITION.

8: ADDED CHART: KSTP, KANE, KMIC, AND KFCM ON MSP PROCEDURES TO ADDITIONAL FLIGHT DATA.

9: ADDED CHART: AT OR ABOVE 9000 AT PEDLN (MRA) TO ADDTIONAL FLIGHT DATA.

10: CHANGED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN TAKEOFF MINIMUMS RWY 4 FROM: STANDARD TO: STANDARD WITH MINIMUM CLIMB OF 202 FT PER NM TO 2400.

11: CHANGED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN TAKEOFF MINIMUMS RWY 12L FROM: STANDARD TO: STANDARD WITH MINIMUM CLIMB OF 277 FT PER NM TO 1100.

12: CHANGED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN TAKEOFF MINIMUMS RWY 30L FROM: STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 2100 TO: STANDARD WITH MINIMUM CLIMB OF 208 FT PER NM TO 2000.

13: CHANGED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN TAKEOFF MINIMUMS RWY 30R FROM: STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 2100 TO: STANDARD WITH MINIMUM CLIMB OF 217 FT PER NM TO 2000.

14: CHANGED MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN TAKEOFF MINIMUMS RWY 35 FROM: STANDARD WITH MINIMUM CLIMB OF 219 FT PER NM TO 2100 TO: STANDARD WITH MINIMUM CLIMB OF 219 FT PER NM TO 2000.

15: ADDED RWY 4: 2438 FT MSL TOWER 450344.83N/0930822.61W AND RWY 12L: 979 FT MSL TRANSMISSION LINE 445235.36N/0931010.19W TO CONTROLLING OBSTACLES.

16: CHANGED ST PAUL DOWNTOWN HOLMAN FLD RWY 9 DEPARTURE ROUTE DESCRIPTION FROM: CLIMB ON HEADING 090.66 TO 1400 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME. THENCE... TO: CLIMB ON HEADING 090.66 TO 1400 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

17: CHANGED ST PAUL DOWNTOWN HOLMAN FLD RWY 13 DEPARTURE ROUTE DESCRIPTION FROM: CLIMB ON HEADING 127.74 TO 1300 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME. THENCE...TO: CLIMB ON HEADING 127.74 TO 1300 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

18: CHANGED ST PAUL DOWNTOWN HOLMAN FLD RWY 14 DEPARTURE ROUTE DESCRIPTION FROM: CLIMB ON HEADING 146.03 TO 1400 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME. THENCE... TO: CLIMB ON HEADING 146.03 TO 1400 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

19: CHANGED ST PAUL DOWNTOWN HOLMAN FLD RWY 27 DEPARTURE ROUTE DESCRIPTION FROM: CLIMB ON HEADING 270.67 TO 1700 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME. THENCE... TO: CLIMB ON HEADING 270.67 TO 1700 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

20: CHANGED ST PAUL DOWNTOWN HOLMAN FLD RWY 32 DEPARTURE ROUTE DESCRIPTION FROM: CLIMB ON HEADING 326.04 TO 1400 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-208 TO ORSKY INT/MSP 85.00 DME. THENCE... TO: CLIMB ON HEADING 326.04 TO 1400 FOR RADAR VECTORS TO ASSIGNED FIX ON MSP R-208, THEN ON DEPICTED ROUTE TO ORSKY THENCE...

21: CHANGED ST PAUL DOWNTOWN HOLMAN FLD THENCE STATEMENT FROM: ...ON TRANSITION OR ASSIGNED ROUTE. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE TO: ...ON TRANSITION OR ASSIGNED ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

22: ADDED CHART: KMSP ON KSTP, KANE, KMIC, AND KFCM PROCEDURES.

07/21/2022: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 03/08/2022.

1: REMOVED CHART: KSTP, KANE, KMIC, AND KFCM ON MSP PROCEDURE FROM ADDITIONAL FLIGHT DATA.

2: REMOVED CHART: KMSP ON KSTP, KANE, KMIC, AND KFCM PROCEDURES FROM ADDITIONAL FLIGHT DATA.

Digitally signed by

ERIC N SUSKI

Jul 28, 2022

