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 statue miles or feet RVR unless otherwise indicated.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BACHMAN	TWO	BACH2.TTT	ONE	10/5/2023	

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	☐	☐	☒	☐	☐

DP ROUTE DESCRIPTION:
TAKEOFF RWY 13R: CLIMB ON HEADING 163.00 NO LATER THAN I-DPX 0.7 DME OUTBOUND ON I-DPX LOCALIZER SOUTHEAST COURSE TO INTERCEPT AND CLIMB ON CVE R-139 FOR RADAR VECTORS TO APPROPRIATE ROUTE, MAINTAIN 6000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ALL AIRCRAFT: ATC CLIMB GRADIENT: IF UNABLE TO ACCEPT CLIMB RATE ADVISE ATC PRIOR TO TAXI.
RWY 13R: ATC CLIMB OF 482 FT/NM TO 1700.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
BELCHER	BACH2.EIC	TTT VOR/DME	CLARE	094.06 (TTT R-094)	36.40	5000	2400	
		CLARE	POTEN	094.06 (TTT R-094)	34.25	9000	2100	
		POTEN	TEKBE	079.28 (EIC R-259)	44.28	9000	2100	
		TEKBE	SHRLY	079.28 (EIC R-259)	25.00	5300	1900	
		SHRLY	EIC VORTAC	079.28 (EIC R-259)	25.00	2400	2400	
SOLDO	BACH2.SOLDO	TTT VOR/DME	SOLDO	084.18 (TTT R-084)	35.79	3000	2300	
TEXARKANA	BACH2.TXK	TTT VOR/DME	TRISS	074.22 (TTT R-074)	36.27	2800	2300	
		TRISS	SHERO	074.22 (TTT R-074)	39.32	7500	2100	
		SHERO	TXK VORTAC	064.07 (TXK R-244)	79.40	7500	2100	
LITTLE ROCK	BACH2.LIT	TTT VOR/DME	NOBLY	064.14 (TTT R-064)	37.94	5000	2100	
		NOBLY	COBUG	064.14 (TTT R-064)	37.59	5000	2300	
		COBUG	ORTRO	064.14 (TTT R-064)	74.99	FL230	2000	
		ORTRO	LIT VORTAC	057.40 (LIT R-237)	122.44	18300	2600	

PBN REQUIREMENT NOTES:

QUALITY 8 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BACHMAN	TWO	BACH2.TTT	ONE	10/5/2023	

EQUIPMENT REQUIREMENT NOTES:

DME AND RADAR REQUIRED.

PROCEDURAL DATA NOTES:

DO NOT FILE - TO BE ASSIGNED BY ATC NORMALLY BETWEEN 2100-0600 LCL TIME.
SOLDO TRANSITION: ATC ASSIGNED.
BELCHER TRANSITION: FOR AIRCRAFT INBOUND TO JACKSON, MONROE AND SHREVEPORT TERMINAL AREAS.

TAKEOFF MINIMUMS:

RWY 13R: STANDARD WITH MINIMUM CLIMB OF 315 FT/NM TO 1700.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 13R: 1368 FT MSL BUILDING 324648.00N/0964814.00W.

MSA:

MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: 6000.
AIRPORT MV: KDAL 3E/2020.
CHART: BYP R-184 AT NOBLY; TXK R-320 AT ORTRO; BYP R-182 AT TRISS; BYP R-181 AT SOLDO; BYP R-180 AT CLARE; GGG R-346 AT TEKBE; TXK R-187 AT SHRLY.

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KDAL	DALLAS	TX

COMMUNICATIONS:

CHART: ATIS, DAL CLNC DEL, DAL GND CON, DAL TWR.

FIXES AND/OR NAVAIDS:

BYP VORTAC, GGG VORTAC

REMARKS:

WAIVER ON FILE FOR ATC PUBLISHED CLIMB GRADIENT.
100 FT MAX VEGETATION HEIGHT UTILIZED PER FPT CHECKLIST.
MEA ON SEGMENT FROM TTT VOR DME TO NOBLY TO COBUG TO ORTRO BASED ON LEGACY FLIGHT INSPECTION, ESVS FROM TTT VOR DME.
MEA ON SEGMENT ORTRO TO LIT VORTAC BASED ON MRA/SSV RECEPTION FROM LIT VORTAC.
MEA ON SEGMENTS FROM TTT VOR DME TO TRISS BASED ON BASED ON MINIMUM CLIMB TO NEXT SEGMENT.
MEA ON SEGMENT FROM TRISS TO SHERO TO TXK VORTAC BASED ON TXK VORTAC ESV.
MEA ON SEGMENT FROM FIX SHERO TO TXK VORTAC BASED ON ESV FROM TXK VORTAC.
MEA ON SEGMENT FROM TTT VOR DME TO SOLDO BASED ON BYP ESV.
MEA ON SEGMENT FROM TTT VOR DME TO CLARE BASE ON CLIMB TO NEXT SEGMENT.
MEA ON SEGMENTS FROM CLARE TO POTEN TO TEKBE BASED ON ESV FROM EIC VTAC AT POTEN.
MEA ON SEGMENT FROM TEKBE TO SHRLY BASED ON TXK SSV.
MEA ON SEGMENT SHRLY TO EIC VORTAC BASED ON MOCA.
DO NOT CHART MOCA: FROM SHRLY TO EIC VORTAC.

QUALITY 8 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BACHMAN	TWO	BACH2.TTT	ONE	10/5/2023	

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE
EDWARD W MESA	*Digitally signed by* ***JOSEPH L ZEDER*** Jul 30, 2024	AJF	07/15/2025

DEVELOPED BY	SIGNATURE	OFFICE	DATE
JOHN KEEFER *Digitally signed by* ***JOHN A KEEFER*** Jul 19, 2024		AJV-A432	04/05/2024

APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
CASIMIR TABAKA *Digitally signed by* ***JOSEPH L ZEDER*** Jul 30, 2024		AJV-A430		MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**ZFW, RGNL APP CON, DAL ATCT, AMGR.

CHANGES - REASONS:

1. TAKEOFF RWY 13R DP ROUTE DESCRIPTION CHANGED FROM CLIMB ON HEADING 163.00 NO LATER THAN 0.7 DME OUTBOUND ON I-DPX LOCALIZER SOUTHEAST COURSE TO INTERCEPT AND CLIMB ON CVE R-139 FOR RADAR VECTORS TO APPROPRIATE ROUTE, UNLESS OTHERWISE ADVISED MAINTAIN 5000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. TO TAKEOFF RWY 13R: CLIMB ON HEADING 163.00 NO LATER THAN I-DPX 0.7 DME OUTBOUND ON I-DPX LOCALIZER SOUTHEAST COURSE TO INTERCEPT AND CLIMB ON CVE R-139 FOR RADAR VECTORS TO APPROPRIATE ROUTE, MAINTAIN 6000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. - PER FPT/ATC AND 8260.19J, 2-1-1E (2) (F).
2. ADDED TO ROUTE DESCRIPTION: ALL AIRCRAFT: ATC CLIMB GRADIENT: IF UNABLE TO ACCEPT CLIMB RATE ADVISE ATC PRIOR TO TAXI. RWY 13R: ATC CLIMB OF 482 FT/NM TO 1700. - FPT/ATC REQUEST.
3. CHANGED TRANSITION ROUTE ORTRO TO LIT VORTAC FROM 055.28 (LIT R-235) DISTANCE 117.13 TO 057.40 (LIT R-237) DISTANCE 122.44. - LIT VORTAC MOVED 8 MILES NORTH.
4. TRANSITION ROUTE LITTLE ROCK ORTRO TO LIT VORTAC MEA CHANGED FROM FL230 TO 18300. - MRA FROM LIT VORTAC.
5. TRANSITION ROUTE LITTLE ROCK ORTRO TO LIT MOCA CHANGED FROM 2100 TO 2600. - TRACK CHANGED, LIT VORTAC MOVED 8 MILES NORTH.
6. TRANSITION ROUTE TEXARKANA TTT VORDME TO TRISS MEA CHANGED FROM 5000 TO 2800. - BASED ON MINIMUM CLIMB RATES IN TABLE 14-3-1 8260.3E.
7. TRANSITION ROUTES: SOLDO TRANSITION, CHANGED MEA FROM TTT VOR/DME TO FIX SOLDO SEGMENT FROM 5000 TO 3000 - BASED ON BYP VORTAC ESV AT FIX SOLDO.
8. TRANSITION ROUTE BELCHER MEA CLARE TO POTEN CHANGED FROM 5000 TO 9000. - MATCH EIC MRA AT POTEN.
9. TRANSITION ROUTE BELCHER POTEN TO TEKBE MEA LOWERED FROM 14000 TO 9000. - COMPLIANCE WITH EIC ESV.
10. TRANSITION ROUTE BELCHER MEA TEKBE TO SHRLY CHANGED FROM 14000 TO 5300. - MEET TXK VORTAC CROSSING RADIAL SERVICE VOLUME.
11. TRANSITION ROUTE BELCHER MEA SHRLY TO EIC VORTAC CHANGED FROM 14000 TO 2400. - BASED ON MOCA.
12. PROCEDURAL DATA NOTES REMOVED THE "NOTE" PREFACE OFF OF EACH INDIVIDUAL NOTE. - NOT REQUIRED.
13. CHANGED PROCEDURAL DATA NOTE FROM THIS DP IS TO BE USED ONLY UPON ASSIGNMENT BY LOVE TOWER NORMALLY BETWEEN 2100-0600 LCL TIME. TO DO NOT FILE - TO BE ASSIGNED BY ATC NORMALLY BETWEEN 2100-0600 LCL TIME.- BRING MORE IN LINE WITH 8260.19J GUIDANCE.
14. CHANGED TAKEOFF MINIMUMS FROM RWY 13R: STANDARD WITH MINIMUM CLIMB OF 482 FT/NM TO 1700 TO RWY 13R: STANDARD WITH MINIMUM CLIMB OF 315 FT/NM TO 1700. - 482 FT/NM IS AN ATC CLIMB GRADIENT AND IS INCLUDED IN THE ROUTE DESCRIPTION. - THE 315 FT/NM IS FOR AN OBSTACLE AND COINCIDES WITH THE ODP.
15. ADDITIONAL FLIGHT DATA, CHANGED TOP ALTITUDE FROM 5000 TO 6000. - PER ATC REQUEST.
16. ADDITIONAL FLIGHT DATA: REMOVED CHARTED OBSTACLES 1368 BLDG 324648N/0964814W (3.80 NM FROM DER RWY 13R), 1049 BLDG 324820N/0964733W (3.09 NM FROM DER RWY 13R), 1194 BLDG 324717N/0964748W (3.63 NM FROM DER RWY 13R). - PER CHARTING, IAC SPECS DO NOT SUPPORT CHARTING OBSTACLES ON DEPARTURES/FIGS ARE NOT TO SCALE.
17. ADDITIONAL FLIGHT DATA, ADDED **CHART:** BYP R-184 AT NOBLY; TXK R-320 AT ORTRO; BYP R-182 AT TRISS; BYP R-181 AT SOLDO; BYP R-180 AT CLARE; GGG R-346 AT TEKBE; TXK R-187 AT SHRLY. - DISPLAY CROSSING RADIALS.
18. ADDED REMARK: WAIVER ON FILE FOR ATC PUBLISHED CLIMB GRADIENT. - PER 8260.46J COMPLIANCE.
19. ADDED REMARK: 100 FT MAX VEGETATION HEIGHT UTILIZED PER FPT CHECKLIST. - IDENTIFY VEGETATION HEIGHT USED FOR DEVELOPMENT.
20 ADDED REMARK MEA ON SEGMENT ORTRO TO LIT VORTAC BASED ON MRA/SSV RECEPTION FROM LIT VORTAC. - DOCUMENTING MEA BASIS.
21. ADDED REMARK: MEA ON SEGMENT FROM TTT VOR DME TO NOBLY TO COBUG TO ORTRO BASED ON LEGACY FLIGHT INSPECTION, ESVS FROM TTT VOR DME. - DOCUMENTING MEA BASIS.

QUALITY 8 CHECKED

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BACHMAN	TWO	BACH2.TTT	ONE	10/5/2023	

22. REMOVED REMARK: CHARTING ADDITIONAL FLIGHT DATA OBSTACLES REQUESTED TO AID FLIGHT SAFETY. - PER CHARTING, IAC SPECS DO NOT SUPPORT CHARTING OBSTACLES ON DEPARTURES/FIGS ARE NOT TO SCALE.
23. ADDED REMARK: MEA ON SEGMENTS FROM TTT VOR DME TO TRISS BASED ON BASED ON MINIMUM CLIMB TO NEXT SEGMENT. - DOCUMENTING MEA BASIS.
24. ADDED REMARK: MEA ON SEGMENT FROM TRISS TO SHERO TO TXK VORTAC BASED ON TXK VORTAC ESV. - DOCUMENTING MEA BASIS.
25. ADDED REMARK: MEA ON SEGMENT FROM FIX SHERO TO TXK VORTAC BASED ON ESV FROM TXK VORTAC. - DOCUMENTING MEA BASIS.
26. ADDED REMARK: MEA ON SEGMENT FROM TTT VOR DME TO SOLDO BASED ON BYP ESV. - DOCUMENTING MEA BASIS.
27. ADDED REMARK: MEA ON SEGMENT FROM TTT VOR DME TO CLARE BASE ON CLIMB TO NEXT SEGMENT. - DOCUMENTING MEA BASIS.
28 ADDED REMARK: MEA ON SEGMENTS FROM CLARE TO POTEN TO TEKBE BASED ON ESV FROM EIC VTAC AT POTEN. - DOCUMENTING MEA BASIS.
29. ADDED REMARK: MEA ON SEGMENT SHRLY TO EIC VORTAC BASED ON MOCA. - DOCUMENTING MEA BASIS.
30. ADDED REMARK: DO NOT CHART MOCA: FROM SHRLY TO EIC VORTAC. - 8260.46J.
31. ADDED REMARK: MEA ON SEGMENT FROM TEKBE TO SHRLY BASED ON TXK SSV. - DOCUMENTING MEA BASIS.
32. TAKEOFF MINIMUMS: REMOVED RWY 13L, 31L, 31R: NA - NOISE ABATEMENT. - PER 8260.46J APPENDIX E, SECTION 1,2 H.