

**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.
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<u>DP NAME</u>						<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
CENTEX						SIX	CWK6.CWK	FIVE	11/10/2016	
<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"/>					

DP ROUTE DESCRIPTION:

RWY 17L, 17R, 35L, 35R: CLIMB ON ASSIGNED HEADING FOR VECTORS, THEN ON ASSIGNED TRANSITION. MAINTAIN ALTITUDE ASSIGNED BY ATC, 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>
COLLEGE STATION	CWK6.CLL	CWK VORTAC	ILEXY INT	087.66 (CWK R-088)	23.44	4000	2100	
			CLL VORTAC	058.31 (CLL R-238)	37.34	4000	2000	
ILEXY	CWK6.ILEXY	CWK VORTAC	ILEXY INT	087.66 (CWK R-088)	23.44	4000	2100	
JAYJO	CWK6.JAYJO	CWK VORTAC	JAYJO INT	087.64 (CWK R-086)	37.19	4000	2100	
NAVASOTA	CWK6.TNV	CWK VORTAC	TNV VOR/DME	087.66 & 086.41 (CWK R-088 & TNV R-266)	76.60	4000	2100	
NAVYS	CWK6.NAVYS	CWK VORTAC	MUNCH INT	039.78 (CWK R-040)	17.00	4000	2100	
			NAVYS INT	039.78 (CWK R-040)	70.15	10000	2100	
WACO	CWK6.ACT	CWK VORTAC	ACT VORTAC	003.86 & 000.99 (CWK R-004 & ACT R-181)	78.02	4000	3600	

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: COLLEGE STATION TRANSITION FOR AIRCRAFT REQUESTING 9000 MSL TO FL230.

NOTE: ILEXY TRANSITION FOR TURBOPROP AND TURBOJET AIRCRAFT LANDING HOU; FOR TURBOJET AIRCRAFT LANDING EFD, GLS, OR LXB; FOR ALL AIRCRAFT LANDING IAH.

NOTE: JAYJO TRANSITION FOR PISTON AIRCRAFT LANDING HOU; FOR PISTON AND TUROPROP AIRCRAFT LANDING EFD, GLS OR LXB; FOR ALL AIRCRAFT LANDING OTHER WEST/SOUTH HOUSTON TERMINAL AREA AIRPORTS.

NOTE: NAVYS TRANSITION ONLY FOR AIRCRAFT DESTINED TO THE DALLAS/FORT WORTH TERMINAL AREA REQUESTING FL230 AND BELOW.

NOTE: WACO TRANSITION FOR AIRCRAFT REQUESTING 12000 FT MSL AND BELOW.

TAKEOFF MINIMUMS:

RWY 17L, 17R: STANDARD.

RWY 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2600.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 17L: TREE 497 FT FROM DER, 576 FT LEFT OF CENTERLINE, 507 FT MSL. TREE 617 FT FROM DER, 585 FT RIGHT OF CENTERLINE, 498 FT MSL. TREES BEGINNING 643 FT FROM DER, 663 FT LEFT OF CENTERLINE, UP TO 517 FT MSL.

QUALITY
3
CHECKED

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NOTE: RWY 17R: TREE 1006 FT FROM DER, 730 FT RIGHT OF CENTERLINE, 519 FT MSL.

NOTE: RWY 35R: TREE 816 FT FROM DER, 663 FT RIGHT OF CENTERLINE, 528 FT MSL.

CONTROLLING OBSTACLES:

RWY 35L, 35R: 2032 FT MSL TOWER 301836.00N/0974735.00W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: AGJ R-120 AT DARTE; IDU R-304 AT LEXY; IDU R-306 AT MUNCH; IDU R-322 AND CLL R-224 AT JAYJO; CQY R-180 AND LOA R-304 AT NAVYS.

CHART: V306; V17; J21-25.

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
AUSTIN-BERGSTROM INTL	AUSTIN	TX

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, DEP CON

FIXES AND/OR NAVAIDS:

HOOKK, DARTE.



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REMARKS:
CLIMB GRADIENT USED TO MITIGATE RWY 35L/35R CONTROLLING OBSTACLES TO PERMIT UNRESTRICTED DEPARTURE HEADINGS PER ATC REQUEST.

FLIGHT INSPECTED BY: **OFFICE SYMBOL:** **DATE:**

DEVELOPED BY: *Digitally signed by* **OFFICE SYMBOL:** **DATE:**
PETER GUIMOND **PETER R GUIMOND** AJV-5422 04/03/2017
Apr 03, 2017

APPROVED BY: **OFFICE SYMBOL:** **DATE:**
JULIE MORGAN AJV-5420

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZHU, AUS ATCT, AUS APP CON

CHANGES - REASONS:

1. AMENDED RWY 35L/35R DP ROUTE DESCRIPTION FROM CLIMB VIA HEADING 353 TO 1800 THENCE CLIMB TO 4000 VIA RADAR VECTORS TO ASSIGNED TRANSITION, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE TO READ CLIMB ON ASSIGNED HEADING FOR VECTORS, THEN ON ASSIGNED TRANSITION. MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE - ATC REQUEST TO MATCH AUSTIN SID DP ROUTE DESCRIPTION.
2. AMENDED RWY 17L/17R DP ROUTE DESCRIPTION FROM CLIMB VIA ASSIGNED HEADING THENCE CLIMB TO 4000 VIA RADAR VECTORS TO ASSIGNED TRANSITION, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE TO READ CLIMB ON ASSIGNED HEADING FOR VECTORS, THEN ON ASSIGNED TRANSITION. MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE - ATC REQUEST TO MATCH AUSTIN SID DP ROUTE DESCRIPTION.
3. AMENDED COLLEGE STATION TRANSITION, CWK VORTAC TO ILEXY INT SEGMENT MOCA FROM 2000 TO 2100 - ROC ROUNDED UP TO NEXT HIGHEST 100 FT INCREMENT.
4. AMENDED ILEXY TRANSITION MOCA FROM 2000 TO 2100 - ROC ROUNDED UP TO NEXT HIGHEST 100 FT INCREMENT.
5. AMENDED JAYJO TRANSITION MOCA FROM 2000 TO 2100 - ROC ROUNDED UP TO NEXT HIGHEST 100 FT INCREMENT.
6. AMENDED NAVASOTA TRANSITION MOCA FROM 2000 TO 2100 - ROC ROUNDED UP TO NEXT HIGHEST 100 FT INCREMENT.
7. ADDED CWK VORTAC TO MUNCH INT SEGMENT ON NAVYS TRANSITION - PERMITS PUBLISHING A 4000 MSL MEA TO MUNCH PRIOR TO REQUIRING A 10000 MSL MEA TO NAVYS (CWK ESV MIN ALTITUDE IS 10000 AT NAVYS).
8. AMENDED WACO TRANSITION MOCA FROM 3500 TO 3600 - ROC ROUNDED UP TO NEXT HIGHEST 100 FT INCREMENT.
9. AMENDED RWY 35L/35R TAKEOFF MINIMUMS FROM STANDARD TO STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2600 - MITIGATE 40:1 PENETRATIONS TO PERMIT UNRESTRICTED HEADING ASSIGNMENTS PER ATC REQUEST.
10. AMENDED COLLEGE STATION TRANSITION NOTE FROM FOR AIRCRAFT REQUESTING 13000 MSL TO FL230 TO READ FOR AIRCRAFT REQUESTING 9000 TO FL230 - ATC REQUEST.
11. AMENDED NAVYS TRANSITION NOTE FROM FOR AIRCRAFT LANDING DFW TERMINAL AREA REQUESTING FL230 AND BELOW TO READ ONLY FOR AIRCRAFT DESTINED TO THE DALLAS/FORT WORTH TERMINAL AREA REQUESTING FL230 AND BELOW - ATC REQUEST.
12. AMENDED TAKEOFF OBSTACLE NOTES FOR RWY 17L, 17R, AND 35R - MATCH UPDATED FAA FORM 15A, AMDT 2 AT AIRPORT.

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13. ADDED CHART TOP ALTITUDE ASSIGNED BY ATC IN ADDITIONAL FLIGHT DATA - ATC REQUEST.					

