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 NAM	<u>/IE</u>					<u>NUMBER</u>	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
AUSTIN						FIVE	AUS5.CWK	FOUR	03/05/2015	07 DEC 2017
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV					- 0. 02020
			\boxtimes							

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):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	<u>TO</u> <u>FIX/NAVAID</u>	COURSE	DISTANCE	<u>MEA</u>	MOCA	CROSSING ALTITUDE/FIXES
ABILENE	AUS5.ABI	CWK VORTAC	LLO VORTAC	285.33 & 282.69 (CWK R-285 & LLO R-103)	69.76	4000	3000	
			ABI VORTAC	323.63 & 321.07 (LLO R-324 & ABI R-141)	114.95	5000	3900	
GOOCH SPRINGS	AUS5.AGJ	CWK VORTAC	AGJ VORTAC	320.94 & 321.63 (CWK R-321 & AGJ R-142)	57.74	5000	2600	
JUNCTION	AUS5.JCT	CWK VORTAC	AMUSE INT	270.90 (CWK R-271)	39.93	4000	2900	
			JCT VORTAC	267.74 (JCT R-088)	79.39	5000	3600	
LLANO	AUS5.LLO	CWK VORTAC	LLO VORTAC	285.33 & 282.69 (CWK R-285 & LLO R-103)	69.76	4000	3000	
SAN ANGELO	AUS5.SJT	CWK VORTAC	LLO VORTAC	285.33 & 282.69 (CWK R-285 & LLO R-103)	69.76	4000	3000	
			SJT VORTAC	284.39 & 281.53 (LLO R-284 & SJT R-102)	92.63	4000	3600	
SAN ANTONIO	AUS5.SAT	CWK VORTAC	SAT VORTAC	222.05 & 219.59 (CWK R-222 & SAT R-040)	65.48	4000	3100	
STONEWALL	AUS5.STV	CWK VORTAC	AMUSE INT	270.90 (CWK R-271)	39.93	4000	2900	
			STV VORTAC	226.93 (STV R-047)	26.08	5000	3300	

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS:

RWY 17L, 17R: STANDARD.

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

OVALITY 32 CHECKED

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

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<u>DP NAME</u>	<u>NUMBER</u>	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
AUSTIN	FIVE	AUS5.CWK	FOUR	03/05/2015	07 DEC 2017

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.

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: STV R-048 AT JASMO; STV R-095 AT GARDS; STV R-105 AT BETTI; AGJ R-185 AND LLO R-120 AT AMUSE; AGJ R-185 AT BASIS.

CHART: V17; J21-25; V76; V306-565; V306. **CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORTS SERVED:

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

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

JASMO, BASIS, GARDS, BETTI.



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

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DP NAME AUSTIN			NUMBER FIVE	DP COMPUTER CODE AUS5.CWK	SUPERSEDED NU FOUR		DATED 03/05/2015	EFFECTIVE DATE 07 DEC 2017	
REMARKS: CLIMB GRADIENT U	ISED TO MITIGATE RWY 35L	_/35R CONTROLLING OBSTACLE TO P	ERMIT UNRESTR	RICTED DEPARTURE HEAD	INGS PER ATC REQU	EST.			
FLIGHT INSPECTE	DBY: Digitally signed by				OFFICE SYMBOL:	DATE:			
CARL OESTERLE	ROBERT G HAMILTON Aug 03, 2017				FICO	6/20/2017			
DEVELOPED BY :	Digitally signed by PETER R GUIMOND				OFFICE SYMBOL:	DATE:			
PETER GUIMOND	Mar 30, 2017				AJV-5422	03/30/2017	•		
APPROVED BY: JULIE MORGAN	Digitally signed by ROBERT G HAMILTON Aug 03, 2017				OFFICE SYMBOL: AJV-5420	DATE:			
REQUIRED EFFECTIVE DATE: ROUTINE									
COORDINATED WITH:									

ZHU, AUS ATCT, AUS APP CON, AMGR

CHANGES - REASONS:

- 1. AMENDED ABILENE TRANSITION, CWK VORTAC TO LLO VORTAC SEGMENT MOCA FROM 3100 TO 3000 NEW OBSTACLE STUDY.
- 2. AMENDED LLANO TRANSITION MOCA FROM 3100 TO 3000 NEW OBSTACLE STUDY.
- 3. AMENDED SAN ANGELO TRANSITION, CWK VORTAC TO LLO VORTAC SEGMENT MOCA FROM 3100 TO 3000 NEW OBSTACLE STUDY.
- 4. AMENDED TAKEOFF OBSTACLE NOTES FOR RWY 17L, 17R, AND 35R MATCH UPDATED FAA FORM 15A, AMDT 2 AT AIRPORT.
- 5. ADDED CHART TOP ALTITUDE ASSIGNED BY ATC IN ADDITIONAL FLIGHT DATA ATC REQUEST.
- 6. AMENDED MAINTAIN 4000 TO READ MAINTAIN ALTITUDE ASSIGNED BY ATC IN DP ROUTE DESCRIPTION MATCH CHARTED TOP ALTITUDE PER CURRENT TOP ALTITUDE GUIDANCE.
- 7. AMENDED DP COMPUTER CODE FROM AUS4.AUS TO AUS5.CWK ATC REQUEST.

08/03/2017: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/30/2017.

INCREASED MEA ON AMUSE TO JCT VORTAC SEGMENT IN JUNCTION TRANSITION FROM 4000 TO 5000 PER FLIGHT INSPECTION RESULTS.