

**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SUPERSEDED NUMBER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>
ELOEL	THREE	ELOEL3.ELOEL	TWO	12/07/2017	22 APR 2021
<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"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:**AUSTIN-BERGSTROM INTL****RWY 18L:** CLIMB ON HEADING 174.70 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 18R:** CLIMB ON HEADING 174.68 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 36L:** CLIMB ON HEADING 354.69 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 36R:** CLIMB ON HEADING 354.70 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**AUSTIN EXEC****RWY 13:** CLIMB ON HEADING 126.43 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 31:** CLIMB ON HEADING 306.43 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**SAN MARCOS RGNL****RWY 8:** CLIMB ON HEADING 080.85 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 13:** CLIMB ON HEADING 125.88 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 17:** CLIMB ON HEADING 170.87 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 26:** CLIMB ON HEADING 260.86 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 31:** CLIMB ON HEADING 305.88 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 35:** CLIMB ON HEADING 350.87 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**GEORGETOWN MUNI****RWY 11:** CLIMB ON HEADING 114.56 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 18:** CLIMB ON HEADING 177.54 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 29:** CLIMB ON HEADING 294.56 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 36:** CLIMB ON HEADING 357.54 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**LAGO VISTA TX - RUSTY ALLEN****RWY 15:** CLIMB ON HEADING 157.29 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 33:** CLIMB ON HEADING 337.29 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**TAYLOR MUNI****RWY 17:** CLIMB ON HEADING 173.65 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 35:** CLIMB ON HEADING 353.65 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**LAKEWAY AIRPARK****RWY 16:** CLIMB ON HEADING 164.78 TO 1700, THEN AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...**RWY 34:** CLIMB ON HEADING 344.77 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS WLMRT AT OR ABOVE 5000, THENCE...

...ON TRACK 338.21 TO ELOEL, THEN ON TRANSITION. MAINTAIN ALTITUDE ASSIGNED BY ATC. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ELOEL	THREE	ELOEL3.ELOEL	TWO	12/07/2017	22 APR 2021

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>
ABILENE	ELOEL3.ABI	ELOEL	FORSS	TRACK 329.15	17.91	10500	2700	
		FORSS	ABI VORTAC	TRACK 307.12	120.31	FL180		
FORSS	ELOEL3.FORSS	ELOEL	FORSS	TRACK 329.15	17.91	10500	2700	
KLNGR	ELOEL3.KLNGR	ELOEL	KLNGR	TRACK 338.29	20.00	10500	2700	

PROCEDURAL DATA NOTES:**NOTE:** RADAR REQUIRED.**NOTE:** DME/DME/IRU OR GPS REQUIRED.**NOTE:** RNAV 1.**NOTE (LAKEWAY AIRPARK ONLY):** TAKEOFF RWY 16 REQUIRES A CLIMB TO 1700 ON HEADING 165 DEGREES PRIOR TO TURNING FOR OBSTACLE AVOIDANCE.**TAKEOFF MINIMUMS:****AUSTIN-BERGSTROM INTL****RWY 18L, 18R:** STANDARD.**RWY 36L, 36R:** STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2600.**AUSTIN EXEC****RWY 16, 34:** NA-ENVIRONMENTAL.**RWY 13, 31:** STANDARD.**SAN MARCOS RGNL****RWY 8, 13, 17, 26:** STANDARD.**RWY 31:** STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 2600.**RWY 35:** STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 2600.**GEORGETOWN MUNI****RWY 11, 29, 36:** STANDARD.**RWY 18:** 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 1000.**LAGO VISTA TX - RUSTY ALLEN****RWY 15, 33:** STANDARD.**TAYLOR MUNI****RWY 17, 35:** STANDARD.**LAKEWAY AIRPARK****RWY 34:** STANDARD.**RWY 16:** 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 1500.**TAKEOFF OBSTACLES NOTES:**

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



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ELOEL	THREE	ELOEL3.ELOEL	TWO	12/07/2017	22 APR 2021

CONTROLLING OBSTACLES:**AUSTIN-BERGSTROM INTL****RWY 36L, 36R:** 2032 FT MSL TOWER 301836.00N/0974735.00W.**SAN MARCOS RGNL****RWY 31, 35:** 2049 FT MSL TOWER 300243.00N/0975251.00W.**GEORGETOWN MUNI****RWY 18:** 932 FT MSL ANTENNA ON BUILDING 303921.13N/0974101.53W.**LAKEWAY AIRPARK****RWY 16:** 1326 FT MSL TOWER 301901.00N/0975922.00W.**OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:****RWY 16:** 1536 FT MSL TOWER 302026.00N/0980106.00W.**LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KAUS 4E, EPOCH YEAR: 2020

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: ASSIGNED BY ATC.**CHART:** MINIMUM CROSSING ALTITUDE AT WLMRT - AT OR ABOVE 5000.**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
AUSTIN-BERGSTROM INTL	KAUS	AUSTIN	TX
AUSTIN EXEC	KEDC	AUSTIN	TX
SAN MARCOS RGNL	KHYI	AUSTIN	TX
GEORGETOWN MUNI	KGTU	GEORGETOWN	TX
LAGO VISTA TX - RUSTY ALLEN	KRYW	LAGO VISTA	TX
TAYLOR MUNI	KT74	TAYLOR	TX
LAKEWAY AIRPARK	K3R9	LAKEVIEW	TX

COMMUNICATIONS:**AUSTIN-BERGSTROM INTL:** ATIS, CLNC DEL, GND CON, TOWER, DEP CON, CPDLC.**AUSTIN EXEC:** AWOS, CLNC DEL, UNICOM, DEP CON.**SAN MARCOS RGNL:** AWOS, CLNC DEL, GND CON, TOWER, DEP CON.**GEORGETOWN MUNI:** ATIS, CLNC DEL, GND CON, TOWER, DEP CON, UNICOM.**LAGO VISTA TX - RUSTY ALLEN:** ASOS, UNICOM, DEP CON.**TAYLOR MUNI:** UNICOM, DEP CON.**LAKEWAY AIRPARK:** AWOS, UNICOM, DEP CON.

QUALITY
5
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ELOEL	THREE	ELOEL3.ELOEL	TWO	12/07/2017	22 APR 2021

FIXES AND/OR NAVAIDS:REMARKS:

1. ABBREVIATED AMENDMENT. FLIGHT INSPECTION MAPS AND RNAV PRO RUNS RETAINED FROM ELOEL TWO.
2. CLIMB GRADIENT USED TO MITIGATE KAUS RWY 36L/36R AND KHYI RWY 31/35 CONTROLLING OBSTACLES TO PERMIT UNRESTRICTED DEPARTURE HEADINGS PER ATC REQUEST.
3. KAUS RWY 36L CLIMB GRADIENT ROUNDED TO 240 FT PER NM FOR PUBLICATION (COMPUTED VALUE 234 FT PER NM).
4. KAUS RWY 36R CLIMB GRADIENT ROUNDED TO 240 FT PER NM FOR PULICATION (COMPUTED VALUE 210 FT PER NM).
5. KHYI RWY 35 CLIMB GRADIENT ROUNDED TO 230 FT PER NM FOR PUBLICATION (COMPUTED VALUE 224 FT PER NM).
6. KHYI RWY 31 CLIMB GRADIENT ROUNDED TO 210 FT PER NM FOR PUBLICATION (PUBLISHED VALUE 203 FT PER NM).

FLIGHT INSPECTED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

*Digitally signed by***ALLAN WILL**

Dec 22, 2020

OFFICEDATEDEVELOPED BY*Digitally signed by***KELLIE R BARNES**

Dec 07, 2020

OFFICEDATE

AJV-A423

11/16/2020

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Dec 22, 2020

OFFICEDATE

AJV-A420

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☒**ALPA** ☒**AOPA** ☒**APA** ☒**HAI** ☐**NBAA** ☒**OTHER:**ZHU, AUS APP CON, AUS ATCT, HYI ATCT, GTU ATCT, AMGR(S)CHANGES - REASONS:

1. CHANGED ALL KAUS RWY 17/35 REFERENCES TO RWY 18/36 - CURRENT AIRNAV DATA
2. CHANGED ALL TRANSITION COMPUTER CODE NUMBERS FROM 2 TO 3 - REQUIRED FOR AMENDMENTS
3. REMOVED ALL TAKEOFF OBSTACLE NOTES AND ADDED "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)." - 8260.46G
4. CHANGED DP ROUTE DESCRIPTIONS FROM "CLIMB HEADING" TO CLIMB ON HEADING" - 8260.46G
5. REMOVED "RADAR" FROM ALL DP ROUTE DESCRIPTIONS - WORDING PER 8260.46G APPENDIX E
6. CHANGED ALL REFERENCES TO AUSTIN EXECUTIVE TO AUSTIN EXEC - CURRENT AIRPORT NAME PER AIRNAV

QUALITY
5
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
ELOEL				THREE		ELOEL3.ELOEL		TWO		12/07/2017		22 APR 2021	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
WLMRT	304426.82N/0975133.59W	Y	-	IF	-	-	AT/ABOVE 5000						
ELOEL	305419.31N/0975514.06W	Y	FB	TF	342.21	10.35							
ELOEL	305419.31N/0975514.06W	Y	-	IF	-	-	ELOEL3.ABI						
FORSS	311019.88N/0980439.86W	Y	FB	TF	333.15	17.91							
ABI VORTAC	322852.78N/0995148.45W	Y	FB	TF	311.12	120.31							
ELOEL	305419.31N/0975514.06W	Y	-	IF	-	-	ELOEL3.FORSS						
FORSS	311019.88N/0980439.86W	Y	FB	TF	333.15	17.91							
ELOEL	305419.31N/0975514.06W	Y	-	IF	-	-	ELOEL3.KLNGR						
KLNGR	311324.79N/0980219.85W	Y	FB	TF	342.29	20.00							

