

**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SUPERSEDED NUMBER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>
ILEXY	FOUR	ILEXY4.ILEXY	THREE	04/22/2021	15 JUN 2023

<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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:**3R9:****TAKEOFF RWY 16:** CLIMB ON HEADING 164.78 TO 1700, THEN AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 34:** CLIMB ON HEADING 344.77 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**KAUS:****TAKEOFF RWY 18L:** CLIMB ON HEADING 174.70 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 18R:** CLIMB ON HEADING 174.68 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 36L:** CLIMB ON HEADING 354.69 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 36R:** CLIMB ON HEADING 354.70 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**KEDC:****TAKEOFF RWY 13:** CLIMB ON HEADING 126.43 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 31:** CLIMB ON HEADING 306.43 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**KGTU:****TAKEOFF RWY 11:** CLIMB ON HEADING 114.56 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 18:** CLIMB ON HEADING 177.54 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 29:** CLIMB ON HEADING 294.56 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 36:** CLIMB ON HEADING 357.54 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**KHYI:****TAKEOFF RWY 8:** CLIMB ON HEADING 080.85 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 13:** CLIMB ON HEADING 125.88 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 17:** CLIMB ON HEADING 170.87 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 26:** CLIMB ON HEADING 260.86 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 31:** CLIMB ON HEADING 305.88 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 35:** CLIMB ON HEADING 350.87 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**KRYW****TAKEOFF RWY 15:** CLIMB ON HEADING 157.29 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 33:** CLIMB ON HEADING 337.29 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**T74:****TAKEOFF RWY 17:** CLIMB ON HEADING 173.65 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...**TAKEOFF RWY 35:** CLIMB ON HEADING 353.65 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS HOOKK AT OR ABOVE 5000, THENCE...

...ON TRACK 089.82 TO ILEXY, THEN ON TRANSITION. MAINTAIN ALTITUDE ASSIGNED BY ATC. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

QUALITY
12
CHECKED

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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>
JAYJO	ILEXY4.JAYJO	ILEXY	JAYJO	TRACK 089.93	13.75	8900	1800	
ZENZI	ILEXY4.ZENZI	ILEXY	JAYJO	TRACK 089.93	13.75	8900	1800	
		JAYJO	ASHRR	TRACK 090.04	16.00	12000	1800	
		ASHRR	ZENZI	TRACK 090.20	23.40	FL180		

PROCEDURAL DATA NOTES:**NOTE:** HOUSTON TERMINAL AREA ARRIVALS EXPECT ROUTING FROM ILEXY.**NOTE:** JAYJO TRANSITION TO JOIN V306 ONLY.**NOTE (LAKEWAY AIRPARK ONLY):** TAKEOFF RWY 16 REQUIRES A CLIMB TO 1700 ON HEADING 165 DEGREES PRIOR TO TURNING FOR OBSTACLE AVOIDANCE.**NOTE:** AIRCRAFT NOT DESTINED THE HOUSTON TERMINAL AREA OR JOINING V306 MUST FILE THE ZENZI TRANSITION.**PBN REQUIREMENTS NOTES:**

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:**3R9:****RWY 34:** STANDARD.**RWY 16:** 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 1500.**KAUS:****RWY 18L, 18R:** STANDARD.**RWY 36L, 36R:** STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2600.**KEDC:****RWY 16, 34:** NA - ENVIRONMENTAL.**RWY 13, 31:** STANDARD.**KGTU:****RWY 11, 29, 36:** STANDARD.**RWY 18:** 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 1000.**KHYI:****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.**KRYW:****RWY 15, 33:** STANDARD.**T74:****RWY 17, 35:** STANDARD.

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TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

3R9:

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.

KAUS:

RWY 36L, 36R: 2032 FT MSL TOWER 301836.00N/0974735.00W.

KHYI:

RWY 31, 35: 2049 FT MSL TOWER 300243.00N/0975251.00W.

KGTU:

RWY 18: 932 FT MSL ANTENNA ON WATER TOWER 303921.13N/0974101.53W.

MSA:

3R9: MSA FROM 3R9, 4100.

KAUS: MSA FROM KAUS, 3100.

KEDC: MSA FROM KEDC, 3100.

KGTU: MSA FROM KGTU, 4100.

KHYI: MSA FROM KHYI, 3100.

KRYW: MSA FROM KRYW, 4100.

T74: MSA FROM T74, 3100.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

AIRPORT MAG VAR: AUS (P) 4E/2020, 3R9 4E/2015, EDC 5E/2010, GTU 6E/2000, HYI 7E/1985, RYW 4E/2020, T74 5E/2010.

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART: MINIMUM CROSSING ALTITUDE AT HOOKK - AT OR ABOVE 5000.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
3R9	LAKEWAY	TX
KAUS	AUSTIN	TX
KEDC	AUSTIN	TX
KGTU	GEORGETOWN	TX
KHYI	AUSTIN	TX
KRYW	LAGO VISTA	TX
T74	TAYLOR	TX

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ILEXY	FOUR	ILEXY4.ILEXY	THREE	04/22/2021	15 JUN 2023

COMMUNICATIONS:

3R9: CHART: UNICOM.

KAUS: CHART: ATIS, CLNC DEL, GND CON, TOWER, CPDLC.

KEDC: CHART: AWOS, CLNC DEL, TOWER, UNICOM.

KGTU: CHART: ATIS, CLNC DEL, GND CON, TOWER, UNICOM.

KHYI: CHART: ATIS, CLNC DEL, GND CON, TOWER.

KRYW: CHART: ASOS, UNICOM.

T74: CHART: UNICOM.

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

1. ABBREVIATED AMENDMENT. FLIGHT INSPECTION MAPS AND RNAV PRO RUNS RETAINED FROM ILEXY 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 TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021,
SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

Digitally signed by
CASIMIR L TABAKA

Mar 27, 2023

OFFICE**DATE****DEVELOPED BY**

PARNELL PRASSADA

Digitally signed by
PARNELL R PRASSADA

Mar 24, 2023

OFFICE**DATE**

AJV-A431

12/22/2022

APPROVED BY

JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA

Mar 27, 2023

OFFICE**DATE**

AJV-A430

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. INCORPORATED CHANGES FROM T-NOTAMS FDC 2/9352 - 2/9358 INTO THE FORM.

2. ADDED "AIRCRAFT NOT DESTINED THE HOUSTON TERMINAL AREA OR JOINING V306 MUST FILE THE ZENZI TRANSITION" TO PROCEDURAL DATA NOTES - CANCELS NOTAMS 2/9352, 2/9353, 2/9354, 2/9354, 2/9355, 2/9356, 2/9357, 2/9358; THIS NOTE WILL PREVENT PILOTS FROM ERRONEOUSLY FILING WRONG TRANSITIONS IN ILEXY (RNAV) SID, SPECIFICALLY WHEN THEY ARE NOT LANDING AT HOUSTON OR FLYING ON V306.

3. RELOCATED RNAV 1 AND DME/DME/IRU OR GPS REQUIRED FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENTS NOTES; CHANGED THE FORMAT TO READ "RNAV 1 - DME/DME/IRU OR GPS" - IAW 8260.46J, CHAPTER 2, PARA 2-1-1 (F) (6).

4. RELOCATED "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENTS NOTES - IAW 8260.46J, CHAPTER 2, PARA 2-1-1 (F) (1).

5. CHANGED KAUS RUNWAY DESIGNATIONS FROM RWY 35L, 35R TO 36L, 36R UNDER CONTROLLING OBSTACLES - ADMINISTRATIVE CORRECTION; DESIGNATION WAS INCORRECTLY ANNOTATED ON PREVIOUS FORM.

6. ADDED TO MSA "3R9: MSA FROM 3R9, 4100; KAUS: MSA FROM KAUS, 3100; KEDC: MSA FROM KEDC, 3100; KGTU: MSA FROM KGTU, 4100; KHYI: MSA FROM KHYI, 3100; KRYW: MSA FROM KRYW, 4100; T74: MSA FROM T74, 3100" - IAW 8260.46J, APPENDIX E (2) (K).

7. UPDATED ADDITIONAL FLIGHT DATA REFERENCE MAG VAR FROM "KAUS 4E, EPOCH YEAR: 2020" TO "AUS (P) 4E/2020, 3R9 4E/2015, EDC 5E/2010, GTU 6E/2000, HYI 7E/1985, RYW 4E/2020, T74 5E/2010" - IAW AJV-A MEMORANDUM, "MAGNETIC VARIATION DOCUMENTATION FOR STANDARD INSTRUMENT DEPARTURES AND GRAPHIC OBSTACLE DEPARTURE PROCEDURES", DATED 07/15/2022.

8. UPDATED COMMUNICATIONS FORMAT FROM "AUSTIN-BERGSTOM INTL: ATIS, CLNC DEL, GND CON, TOWER, DEP CON, CPDLC; AUSTIN EXEC: AWOS, CLNC DEL, UNICOM, DEP CON; SAN

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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: UNICOM, DEP CON" TO "3R9: CHART: UNICOM; KAUS: CHART: ATIS, CLNC DEL, GND CON, TOWER, CPDLC; KEDC: CHART: AWOS, CLNC DEL, TOWER, UNICOM; KGTU: CHART: ATIS, CLNC DEL, GND CON, TOWER, UNICOM; KHYI: CHART: ATIS, CLNC DEL, GND CON, TOWER; KRYW: CHART: ASOS, UNICOM; T74: CHART: UNICOM" - IAW 8260.46J, APPENDIX E (2) (O).



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

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ILEXY		FOUR		ILEXY4.ILEXY		THREE		04/22/2021	15 JUN 2023
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
HOOKK	302136.00N/0971210.88W	Y	-	IF	-	-	AT/ABOVE 5000		
ILEXY	302110.00W/0970445.46W	Y	FB	TF	093.82	6.44			
ILEXY	302110.00W/0970445.46W	Y	-	IF	-	-			ILEXY4.JAYJO
JAYJO	302013.74N/0964854.05W	Y	FB	TF	093.83	13.75			
ILEXY	302110.00W/0970445.46W	Y	-	IF	-	-			ILEXY4.ZENZI
JAYJO	302013.74N/0964854.05W	Y	FB	TF	093.83	13.75			
ASHRR	301904.57N/0963027.66W	Y	FB	TF	094.04	16.00			
ZENZI	301718.74N/0960330.35W	Y	FB	TF	094.20	23.40			

