

**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SUPERSEDED NUMBER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>
SACAT	FOUR	SACAT4.SACAT	THREE	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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

RWY 4L: CLIMB ON HEADING 039.15 TO 1894, THEN RIGHT TURN DIRECT SACAT, THENCE...
 RWY 4R: CLIMB ON HEADING 039.17 TO 1894, THEN RIGHT TURN DIRECT SACAT, THENCE...
 RWY 22L: CLIMB ON HEADING 219.18 TO 1894, THEN DIRECT EHSO AT OR ABOVE 2000 AND AT OR BELOW 210 KIAS, THEN ON TRACK 195.14 TO SACAT, THENCE...
 RWY 22R: CLIMB ON HEADING 219.16 TO 1894, THEN DIRECT FEVTI AT OR ABOVE 2000 AND AT OR BELOW 210 KIAS, THEN ON TRACK 194.82 TO SACAT, THENCE...
 ...ON TRACK 190.00, MAINTAIN ATC ASSIGNED ALTITUDE, 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>
------------------------	-------------------------------------	----------------------------	--------------------------	---------------	-----------------	------------	-------------	------------------------------------

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS REQUIRED.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

RWY 22L/R: STANDARD.
 RWY 4L: STANDARD WITH MINIMUM CLIMB OF 490 FT/NM TO 3600.
 RWY 4R: STANDARD WITH MINIMUM CLIMB OF 505 FT/NM TO 3700.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 4L: 2972 FT MSL AAO 332921.00N/1113824.00W (CLIMB GRADIENT), 3005 FT MSL AAO 332951.00N/1113830.00W (CLIMB GRADIENT TERMINATION ALTITUDE), RWY 4R: 3081 FT MSL AAO 332954.00N/1113830.00W.

MSA:

FFZ, 8900.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORT MV: FFZ 12E/1990.
 DME/DME ASSESSMENT: SAT (RNP 2.0).
 CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 CHART: SPEED ICON MAXIMUM SPEED 210 KIAS AT FEVTI.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SACAT	FOUR	SACAT4.SACAT	THREE	11/10/2016	

CHART: SPEED ICON MAXIMUM SPEED 210 KIAS AT EHSO.
 CHART: MINIMUM CROSSING ALTITUDE AT FEVTI - 2000.
 CHART: MINIMUM CROSSING ALTITUDE AT EHSO - 2000.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
FFZ	MESA	AZ

COMMUNICATIONS:

FFZ ATCT, PHX DEP CON, ZAB

FIXES AND/OR NAVAIDS:

REMARKS:

MAX VEGETATION 20 FT PER FPT.
 APPROVAL LETTER FOR CG IN EXCESS OF 500 FT/NM TO CLEAR OBSTACLES FOR RWY 4R.

FLIGHT INSPECTED BY

<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>
<i>Digitally signed by</i> CASIMIR L TABAKA	AJF	01/29/2026

DEVELOPED BY

<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>
<i>Digitally signed by</i> JOHN F BRUNO Dec 08, 2025	AJV-A432	12/08/2025

APPROVED BY

<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
<i>Digitally signed by</i> CASIMIR L TABAKA Feb 05, 2026	AJV-A432		MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** FFZ ATCT, PHX APP CON, ZAB, AMGR.

CHANGES - REASONS:

- DEPARTURE ROUTE DESCRIPTION: CHANGED FROM "RWY 4L: CLIMB HEADING 039.15 TO 1900 THEN CLIMBING RIGHT TURN DIRECT SACAT, THENCE...
 RWY 4R: CLIMB HEADING 039.17 TO 1900 THEN CLIMBING RIGHT TURN DIRECT SACAT, THENCE...
 RWY 22L: CLIMB HEADING 219.17 TO 1900 THEN DIRECT EHSO THEN ON TRACK 195.14 TO SACAT, THENCE...
 RWY 22R: CLIMB HEADING 219.16 TO 1900 THEN DIRECT FEVTI THEN ON TRACK 194.82 TO SACAT, THENCE...
 ...MAINTAIN 5000, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE." TO
 "RWY 4L: CLIMB ON HEADING 039.15 TO 1894, THEN RIGHT TURN DIRECT SACAT, THENCE...
 RWY 4R: CLIMB ON HEADING 039.17 TO 1894, THEN RIGHT TURN DIRECT SACAT, THENCE...
 RWY 22L: CLIMB ON HEADING 219.18 TO 1894, THEN DIRECT EHSO AT OR ABOVE 2000 AND AT OR BELOW 210 KIAS, THEN ON TRACK 195.14 TO SACAT, THENCE...
 RWY 22R: CLIMB ON HEADING 219.16 TO 1894, THEN DIRECT FEVTI AT OR ABOVE 2000 AND AT OR BELOW 210 KIAS, THEN ON TRACK 194.82 TO SACAT, THENCE...
 ...ON TRACK 190.00, MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE." - FM LEG ADDED AT SACAT ALL RWYS PER ATC REQUEST TO AVOID
 POTENTIAL TRAFFIC CONFLICTS.
 - PBN REQUIREMENT NOTES: ADDED RNAV 1 - DME/DME/IRU OR GPS REQUIRED - 8260.46K 2-1-5 I.(3)(B)1 AND IAW DME ASSESSMENT.
 - PROCEDURAL DATA NOTES - NOTE: GPS REQUIRED MOVED AND NOW COMBINED WITH DME/DME/IRU IN PBN REQUIREMENT NOTES - IAW 8260.46K
 - TAKEOFF MINIMUMS: RWY 4L AND 4R CHANGED FROM RWY 4L, STANDARD WITH MINIMUM CLIMB OF 510 FEET PER NM TO 4300.
 RWY 4R, STANDARD WITH MINIMUM CLIMB OF 525 FEET PER NM TO 4200 TO RWY 4L: STANDARD WITH MINIMUM CLIMB OF 490 FT/NM TO 3600.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SACAT	FOUR	SACAT4.SACAT	THREE	11/10/2016	

RWY 4R: STANDARD WITH MINIMUM CLIMB OF 505 FT/NM TO 3700 - NEW OBSTACLE EVALUATION AND IAW 8260.46K.
 - TAKEOFF OBSTACLE NOTES: CHANGED FROM LOW CLOSE IN OBSTACLES TO SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP). - IAW 8260.46K APPENDIX E I.
 - CONTROLLING OBSTACLES: CHANGED FROM RWY 4L, 3172' MSL AAO 333001.29N/1113826.33W. 3512' MSL AAO 332908.88N/1113549.07W. RWY 4R, 3159' MSL AAO 332955.96N/1113827.53W. 3512' MSL AAO 332908.88N/1113549.07W TO RWY 4L: 2972 FT MSL AAO 332921.00N/1113824.00W (CLIMB GRADIENT), 3005 FT MSL AAO 332951.00N/1113830.00W (CLIMB GRADIENT TERMINATION ALTITUDE), RWY 4R: 3081 FT MSL AAO 332954.00N/1113830.00W.
 - MSA: ADDED FFZ, 8900 - IAW 8260.46K 3-1-2.
 - ADDITIONAL FLIGHT DATA: ADDED CHART: SPEED ICON MAXIMUM SPEED 210 KIAS AT FEVTI.
 CHART: SPEED ICON MAXIMUM SPEED 210 KIAS AT EHISO.
 CHART: MINIMUM CROSSING ALTITUDE AT FEVTI - 2000.
 CHART: MINIMUM CROSSING ALTITUDE AT EHISO - 2000. - TO RECTIFY VA/DF CRITERIA FAILURE.
 - REMARKS: APPROVAL LETTER ON REQUEST FOR CG IN EXCESS OF 500 FT/NM TO CLEAR OBSTACLES FOR RWY 4R.
 - ADDITIONAL FLIGHT DATA: MAGVAR FORMAT CHANGED FROM REFERENCE MAG VAR: KFFZ 12E EPOCH YR: 90 TO AIRPORT MV: FFZ 12E/1990 - IAW 8260.46K APPENDIX 2 SECT 2.
 - ADDITIONAL FLIGH DATA: DME DME ASSESSMENT CHANGED FROM DME/DME ASSESSMENT NOT CONDUCTED TO DME/DME ASSESSMENT: SAT (RNP 2.0) - NEW ASSESSMENT CONDUCTED.



**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>				
SACAT	FOUR	SACAT4.SACAT	THREE	11/10/2016					
<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>
RW04L (AER)	332729.88N/1114403.06W	N	-	-	-	-			CG 490 FT/NM TO 3600
1894 MSL	-	-	-	VA	051.15	-	AT/ABOVE 1894		RIGHT TURN
SACAT	331522.75N/1115226.75W	Y	FB	DF	-	-			
SACAT	331522.75N/1115226.75W	-	-	FM	202.00	-			
RW04R (AER)	332721.24N/1114402.71W	N	-	-	-	-			CG 505 FT/NM TO 3700
1894 MSL	-	-	-	VA	051.17	-	AT/ABOVE 1894		RIGHT TURN
SACAT	331522.75N/1115226.75W	Y	FB	DF	-	-			
SACAT	331522.75N/1115226.75W	-	-	FM	202.00	-			
RW22L (AER)	332752.87N/1114315.82W	N	-	-	-	-			
1894 MSL	-	-	-	VA	231.18	-	AT/ABOVE 1894		
EHISO	332605.83N/1114554.42W	Y	FB	DF	-	-	AT/ABOVE 2000	AT/BELOW 210K	
SACAT	331522.75N/1115226.75W	Y	FB	TF	207.14	12.02			
SACAT	331522.75N/1115226.75W	-	-	FM	202.00	-			
RW22R (AER)	332753.46N/1114328.14W	N	-	-	-	-			
1894 MSL	-	-	-	VA	231.16	-	AT/ABOVE 1894		
FEVTI	332614.45N/1114554.74W	Y	FB	DF	-	-	AT/ABOVE 2000	AT/BELOW 210K	
SACAT	331522.75N/1115226.75W	Y	FB	TF	206.82	12.14			
SACAT	331522.75N/1115226.75W	-	-	FM	202.00	-			

