

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
SACAT	THREE	SACAT3.SACAT	TWO	07/21/2016	10 NOV 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 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.

**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>
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**PROCEDURAL DATA NOTES:**

NOTE: GPS REQUIRED.  
NOTE: RNAV 1.

**TAKEOFF MINIMUMS:**

RWY 22L/R, STANDARD.  
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.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 4L, ELECTRICAL SYSTEMS BEGINNING 248' FROM DER, 416' LEFT OF CENTERLINE, UP TO 50' AGL/1430' MSL. LIGHT POLES 417' FROM DER, 29' LEFT OF CENTERLINE, UP TO 48' AGL/1428' MSL. TREES BEGINNING 418' FROM DER, 244' LEFT OF CENTERLINE, UP TO 40' AGL/1423' MSL. TREE 1188' FROM DER, 155' RIGHT OF CENTERLINE, 40' AGL/1420' MSL. OBSTRUCTION LIGHT 1314' FROM DER, 424' LEFT OF CENTERLINE, 54' AGL/1434' MSL. RODS BEGINNING 1236' FROM DER, 424' LEFT OF CENTERLINE, UP TO 57' AGL/1437' MSL. WINDSOCK 1523' FROM DER, 487' LEFT OF CENTERLINE, 34' AGL/1414' MSL.  
NOTE: RWY 4R, TREES BEGINNING 412' FROM DER, 15' LEFT OF CENTERLINE, UP TO 35' AGL/1425' MSL. LIGHT POLES BEGINNING 513' FROM DER, 350' RIGHT OF CENTERLINE, UP TO 51' AGL/1441' MSL. OBSTRUCTION LIGHT 531' FROM DER, 583' RIGHT OF CENTERLINE, 50' AGL/1444' MSL. TREES BEGINNING 585' FROM DER, 350' RIGHT OF CENTERLINE, UP TO 40' AGL/1460' MSL. TRAFFIC SIGNAL 914' FROM DER, 68' LEFT OF CENTERLINE, 27' AGL/1417' MSL.  
NOTE: RWY 22L, LIGHT POLES BEGINNING 256' FROM DER, 421' RIGHT OF CENTERLINE, UP TO 24' AGL/1384' MSL. WINDMILL 562' FROM DER, 457' RIGHT OF CENTERLINE, 39' AGL/1389' MSL. LIGHT POLE 1206' FROM DER, 510' LEFT OF CENTERLINE, 38' AGL/1398' MSL.  
NOTE: RWY 22R, LIGHT POLES BEGINNING 297' FROM DER, 65' RIGHT OF CENTERLINE, UP TO 43' AGL/1403' MSL. TREES BEGINNING 369' FROM DER, 127' RIGHT OF CENTERLINE, UP TO 25' AGL/1385' MSL.

**CONTROLLING OBSTACLES:**

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

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

REFERENCE MAG VAR: KFFZ 12E EPOCH YR: 90  
DME/DME ASSESSMENT NOT CONDUCTED.  
CHART: TOP ALTITUDE: ASSIGNED BY ATC



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**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
FALCON FIELD	MESA	AZ

**COMMUNICATIONS:**

FFZ ATCT, PHX DEP CON, ZAB

**FIXES AND/OR NAVAIDS:****REMARKS:****REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

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

**OTHER:**

FFZ ATCT, PHX APP CON, ZAB, AMGR

**CHANGES - REASONS:**

1. CHANGED TOP ALTITUDE NOTE FROM "ALL AIRPORTS - CHART: TOP ALTITUDE: 8000" TO "ALL AIRPORTS - CHART: TOP ALTITUDE: AS ASSIGNED BY ATC".- ATC REQUEST.

QUALITY  
15  
CHECKED

**DEPARTURE (DATA RECORD)**

DP Name		Number		DP Computer Code		Superseded Number		Dated	Effective Date
SACAT		THREE		SACAT3.SACAT		TWO		07/21/2016	10 NOV 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW04L (AER)	332729.88N/1114403.06W	N							CG 510 FT/NM TO 4300
1900 MSL				VA	051.15				RIGHT TURN
SACAT	331522.75N/1115226.75W	Y	FB	DF					
RW04R (AER)	332721.23N/1114402.72W	N							CG 525 FT/NM TO 4200
1900 MSL				VA	051.17				RIGHT TURN
SACAT	331522.75N/1115226.75W	FB	FB	DF					
RW22L (AER)	332752.87N/1114315.82W	N							
1900 MSL				VA	231.17				
EHISO	332605.83N/1114554.42W	Y	FB	DF					
SACAT	331522.75N/1115226.75W	Y	FB	TF	207.14	12.02			
RW22R (AER)	332753.45N/1114328.14W								
1900 MSL				VA	231.16				
FEVTI	332614.45N/1114554.74W	Y	FB	DF					
SACAT	331522.75N/1115226.75W	Y	FB	TF	206.82	12.14			