

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRAKE	TWO	DRAKE2.DRK	ONE	8/30/2007	13 NOVEMBER 2014

TYPE: RNAV OBSTACLE

DP ROUTE DESCRIPTION:

GLENDALÉ MUNI:
TAKEOFF RWY 1: CLIMB HEADING 013.71 TO 1580, THEN DIRECT KUWSO, THEN AS DEPICTED TO CROSS KARLO AT/ABOVE 10000...
TAKEOFF RWY 19: CLIMB HEADING 193.71 TO 1580, THEN LEFT TURN DIRECT WATEG, THEN AS DEPICTED TO CROSS KARLO AT/ABOVE 10000...
...THENCE ON TRACK 349.99 TO DRK VORTAC. EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
-----------------	---------------------------	--------------------	---------------	--------	----------	-----	------	--------------------------

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RNAV 1.
NOTE: GPS REQUIRED.

TAKEOFF MINIMUMS:
RWY 1, 19: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1580.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 1, LIGHT ON BLAST FENCE 4 FT FROM DER, 130 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/1088 FT MSL. TREES BEGINNING 124 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 30 FT AGL/1104 FT MSL. VEHICLES BEGINNING 299 FT FROM DER, 80 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1091 FT MSL. POLES AND TREES BEGINNING 400 FT FROM DER, 197 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/1144 FT MSL.
NOTE: RWY 19, TREES BEGINNING 281 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/1060 FT MSL.

CONTROLLING OBSTACLES:

RWY 1, 19: 7358 AAO 340930.00N/1121936.00W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KGEU 12E EPOCH YR: 1995



U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRAKE	TWO	DRAKE2.DRK	ONE	8/30/2007	13 NOVEMBER 2014

AIRPORTS SERVED:

GLENDAL MUNI

GLENDAL, AZ

COMMUNICATIONS:

ATIS, GND CON, GEU ATCT, PHOENIX DEP CON, LUKE DEP CON

FIXES AND/OR NAVAIDS:

CHART: PODRY



U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRAKE	TWO	DRAKE2.DRK	ONE	8/30/2007	13 NOVEMBER 2014

REMARKS:

RWY 19 WAS PREVIOUSLY NA-ATC AND DID NOT ALLOW FOR IFR DEPARTURES DUE TO THE LACK OF AN ODP AND 8260-15A LIMITATION OF "NA-ATC".
ONLY RNAV INSTRUMENT APPROACH PROCEDURES ARE AVAILABLE INTO KGEU SO THE ORIGINAL ODP WAS DESIGNED FOR RNAV DEPARTURE ONLY.

FLIGHT INSPECTED BY:

JAMES HAWLEY
Digitally signed by
JILL M OLSON FIOG

9/10/2014

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

SCOTT STEVENSON
Sep 16, 2014
Digitally signed by
JILL M OLSON AJV-354

6/17/2014

APPROVED BY:

JILL OLSON
Sep 16, 2014
Digitally signed by
JILL M OLSON AJV-354

MANAGER

COORDINATED WITH:

Sep 16, 2014
ALPA, AOPA, ATA, NBAA, ZAB, LUKE AFB APP CON, PHOENIX APP CON, KGEU ATCT, WFPT.

CHANGES:

1. CHANGED RWY 1 TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO KUWSO TO STANDARD WITH MINIMUM CLIMB OF 500FT/NM TO 1580.
2. CHANGED RWY 19 FROM NA-ATC TO STANDARD WITH MINIMUM CLIMB OF 500FT/NM TO 1580 AND ADDED ROUTE TO DRK VORTAC.
3. UPDATED TAKEOFF OBSTACLE NOTES.

REASONS:

1. TO ATTAIN LNAV ENGAGEMENT ALTITUDE PRIOR TO FIRST FIX.
2. TO ENABLE RWY 19 DEPARTURES IN CONJUNCTION WITH THE AMENDMENT OF TAKEOFF MINIMUMS VIA 8260-15A AMDT 1.
3. IN ACCORDANCE WITH SURVEY DATED 1/12/2006.



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
DRAKE		TWO	DRAKE2.DRK				ONE	8/30/2007	13 NOVEMBER 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW01 (AER)*	333111.26N/1121757.19W*	N	-	-	-	-			*DISPL THLD (701.0 FT)
1580 MSL	-	-	-	VA	025.71	-			CG 500 FT/NM TO 1580
KUWSO	333303.01N/1121652.92W	Y	FO	DF	-	-			
WATEG	333553.12N/1121347.59W	Y	FB	TF	042.35	3.83			
RW19 (AER)*	333159.83N/1121729.27W*	N	-	-	-	-			*DISPL THLD (1001.0 FT)
1580 MSL	-	-	-	VA	205.71	-			CG 500 FT/NM TO 1580
WATEG	333553.12N/1121347.59W	Y	FB	DF	-	-			
WATEG	333553.12N/1121347.59W	Y	-	IF	-	-			DRAKE2.DRK
PODRY	333930.91N/1120949.88W	Y	FB	TF	042.38	4.91			
KARLO	341728.24N/1122951.56W	Y	FB	TF	336.36	41.39	AT/ABOVE 10000		
DRK VORTAC	344209.20N/1122849.24W	Y	FB	TF	001.99	24.66			

