

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TATES	FOUR	TATES4.TATES	THREE	12/25/2003	21 JUL 2016

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB DIRECT AOO VOR, THEN VIA AOO R-026 TO 2500, THEN CLIMBING RIGHT TURN DIRECT AOO VOR, THEN VIA AOO R-206 TO TATES INT...

TAKEOFF RWY 21: CLIMB VIA HEADING 203 AND AOO R-206 TO TATES INT...

TAKEOFF RWY 30: CLIMB VIA HEADING 295 TO 2200, THEN CLIMBING LEFT TURN HEADING 140 TO INTERCEPT AOO R-206 TO TATES INT...

... CROSS TATES INT AT OR ABOVE 5000. THEN VIA (ASSIGNED ROUTE).

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:

TAKEOFF MINIMUMS:

RWY 12: NA - OBSTACLES

RWY 3: STANDARD

RWY 21: STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 5000

RWY 30: STANDARD WITH THE FOLLOWING MINIMUM CLIMB REQUIREMENTS: OBSTACLE CLIMB OF 210 FT PER NM TO 2500; ATC CLIMB OF 250 FT PER NM TO 5000

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 3, TREES 61 FT FROM DER, 450 FT LEFT OF CENTERLINE, 100 FT AGL/1476 FT MSL. TREES 1538 FT FROM DER, 906 FT LEFT OF CENTERLINE, 100 FT AGL/1541 FT MSL.

TREES 6978 FT FROM DER, 1129 FT RIGHT OF CENTERLINE, 100 FT AGL/1646 FT MSL.

NOTE: RWY 21, TREES 2538 FT FROM DER, 366 FT LEFT OF CENTERLINE, 100 FT AGL/1595 FT MSL. TREES 2340 FT FROM DER, 706 FT RIGHT OF CENTERLINE, 100 FT AGL/1619 FT MSL.

NOTE: RWY 30, TREES 85 FT FROM DER, 258 FT RIGHT OF CENTERLINE, 100 FT AGL/1480 FT MSL

CONTROLLING OBSTACLES:

RWY 3: 1554 MSL TREES 401828.40/0781909.63

1642 MSL TREES 401901.70/0781823.55

2702 MSL TERRAIN 402114.80/0782121.90

RWY 21: 1583 MSL TREES 401654.28/0781927.74

1550 MSL TREES 401710.55/0781933.47

2728 MSL TERRAIN 401241.57/0781950.32

RWY 30: 2702 MSL TERRAIN 402114.80/0782121.90

3340 MSL TERRAIN 401718.60/0783401.50

3065 MSL TERRAIN 402039.96/0783110.33

QUALITY
15
CHECKED

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
TATES	FOUR	TATES4.TATES	THREE	12/25/2003	21 JUL 2016

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: ASSIGNED BY ATC

AIRPORTS SERVED:

ALTOONA-BLAIR COUNTY

ALTOONA, PA

COMMUNICATIONS:

CHART: ZOB, CTAF, ASOS

FIXES AND/OR NAVAIDS:

CHART: THS VORTAC

REMARKS:



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
TATES	FOUR	TATES4.TATES	THREE	12/25/2003	21 JUL 2016

CHANGES:

ADDED CHART: TOP ALTITUDE: ASSIGNED BY ATC

REASONS:

ATC REQUEST



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TATES	FOUR	TATES4 . TATES	THREE	12/25/2003	21 JUL 2016

ARINC SUMMARY - KAOO

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW03	010	AOO	DF	FB										V
RW03	020	AOO	FA	FB		026.0	AOO					AA 02500		V
RW03	030	AOO	DF	FB					R					V
RW03	040	TATES	TF	FB								AA 05000		EE
RW21	010		VA	FB		203.0						AA 01903		
RW21	020	TATES	CF	FB		206.0	THS					AA 05000		EE
RW30	010		VA	FB		295.0						AA 02200		
RW30	020		VI	FB		140.0			L					
RW30	030	TATES	CF	FB		206.0	THS					AA 05000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AOO	N401931.60	W0781813.30
TATES	N400735.53	W0782334.49

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW03	N401719.39	W0781923.26	01503
RW21	N401811.31	W0781903.84	01469
RW30	N401743.56	W0781847.37	01481

