

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)  
TITLE 14 CFR PART 97.37**

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.

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
FLOYD BENNETT MEMORIAL	KGFL	GLENS FALLS	NY	2	22 APRIL 2021

**TAKEOFF MINIMUMS:**

RWY 12: STANDARD.  
RWY 19: STANDARD.  
RWY 1: STANDARD WITH MINIMUM CLIMB OF 408 FT PER NM TO 2100 OR 2000-3 FOR VCOA.  
RWY 30: STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 2200 OR 2000-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 12: CLIMBING RIGHT TURN ON HEADING 206.00 TO 1500 BEFORE PROCEEDING ON COURSE.  
RWY 19: CLIMB ON HEADING 192.42 TO 1400 BEFORE PROCEEDING ON COURSE.  
RWY 1: CLIMBING RIGHT TURN ON HEADING 192.00 TO 2100 BEFORE PROCEEDING ON COURSE.  
RWY 30: CLIMBING LEFT TURN ON HEADING 169.00 TO 2200 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

RWY 1, 30: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS FLOYD BENNETT MEMORIAL AIRPORT AT OR ABOVE 2200 MSL BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 01, TERRAIN 81 FT FROM DER, 464 FT LEFT OF CENTERLINE, 330 FT MSL. VEGETATION BEGINNING 88 FT FROM DER, 429 FT RIGHT OF CENTERLINE, UP TO 336 FT MSL. VEGETATION 135 FT FROM DER, 505 FT LEFT OF CENTERLINE, 332 FT MSL. POLES, TREES BEGINNING 923 FT FROM DER, 544 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/366 FT MSL. TREES, TERRAIN BEGINNING 1422 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/413 FT MSL. POLES, TREES, BUILDING BEGINNING 1520 FT FROM DER, 64 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/374 FT MSL. BUILDING, TREES BEGINNING 2973 FT FROM DER, 239 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/428 FT MSL. TREE 3091 FT FROM DER, 1139 FT LEFT OF CENTERLINE, 484 FT MSL. TREES, BUILDINGS, POLES BEGINNING 3155 FT FROM DER, 92 FT LEFT OF CENTERLINE, UP TO 475 FT MSL. TREES, POLES, BUILDINGS BEGINNING 4112 FT FROM DER, 92 FT LEFT OF CENTERLINE, UP TO 452 FT MSL. ANTENNA, TOWERS, TREES BEGINNING 5139 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/477 FT MSL.

NOTE: RWY 12, VEGETATION, TREES BEGINNING 109 FT FROM DER, 297 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/327 FT MSL. TERRAIN BEGINNING 183 FT FROM DER, 339 FT LEFT OF CENTERLINE, UP TO 334 FT MSL. POLES, VEGETATION, TREES, BUILDINGS BEGINNING 758 FT FROM DER, 395 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/374 FT MSL. BUILDINGS, TREES, WATER TOWER, VEHICLE ON ROAD BEGINNING 778 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/371 FT MSL. TREES, POLES, BUILDINGS BEGINNING 908 FT FROM DER, 341 FT RIGHT OF CENTERLINE, UP TO 87 FT AGL/429 FT MSL. TREES BEGINNING 1026 FT FROM DER, 72 FT LEFT OF CENTERLINE, UP TO 425 FT MSL. TREES BEGINNING 1346 FT FROM DER, 37 FT RIGHT OF CENTERLINE, UP TO 403 FT MSL.

NOTE: RWY 19, TREES BEGINNING 2113 FT FROM DER, 580 FT RIGHT OF CENTERLINE, UP TO 380 FT MSL. BUILDINGS, TREES, POLES BEGINNING 2335 FT FROM DER, 839 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/388 FT MSL. POLES, TREES BEGINNING 2944 FT FROM DER, 763 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/408 FT MSL. TREES BEGINNING 4029 FT FROM DER, 241 FT RIGHT OF CENTERLINE, UP TO 424 FT MSL.

NOTE: RWY 30, TREES, TERRAIN, VEGETATION BEGINNING 27 FT FROM DER, 255 FT LEFT OF CENTERLINE, UP TO 364 FT MSL. TERRAIN BEGINNING 41 FT FROM DER, 369 FT RIGHT OF CENTERLINE, UP TO 343 FT MSL. VEGETATION, TERRAIN, TREES BEGINNING 994 FT FROM DER, 51 FT RIGHT OF CENTERLINE, UP TO 358 FT MSL. TREES BEGINNING 1020 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 408 FT MSL. BUILDING, TREES, POLES BEGINNING 1506 FT FROM DER, 52 FT RIGHT OF CENTERLINE, UP TO 27 FT AGL/400 FT MSL. POLES, TREES, BUILDINGS BEGINNING 2425 FT FROM DER, 42 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/402 FT MSL. BUILDINGS, POLES, TREES BEGINNING 2522 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/408 FT MSL. TREES BEGINNING 2766 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 413 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 1: 484 FT MSL TREE 432127.99N/0733649.68W.  
RWY 30: 1647 FT MSL AAO 431954.00N/0734436.00W.

**VISUAL CLIMB AREA OBSTACLE:**

RWY 1, 30: 1539 FT MSL AAO 432320.96N/0734011.79W.  
OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE:  
RWY 1, 30: 2559 FT MSL AAO 432516.99N/0734603.19W.  
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:  
ALL RUNWAYS, 2549 FT MSL AAO 432518.00N/0734606.00W.

**REMARKS:**

**FLIGHT INSPECTED BY**

BOB S PRESSLER

*Digitally signed by*

**JON DENTON**

Dec 08, 2020

**OFFICE**

FICO

**DATE**

12/4/2020

**DEVELOPED BY**

WARDELL HENNING (PATRICK COMBS)

*Digitally signed by*

**JON DENTON**

Dec 08, 2020

**OFFICE**

AJV-A432

**DATE**

06/22/2020



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>EFFECTIVE DATE</u>
FLOYD BENNETT MEMORIAL	KGFL	GLENS FALLS	NY	2	22 APRIL 2021

<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART	<b>JON DENTON</b> Dec 08, 2020	AJV-A430		MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZNY, ALB APP CON, ARPT MNGR

**CHANGES - REASONS:**

1. TAKEOFF MINS: RWY 1 CLIMB GRADIENT UPDATED FROM "385 FT PER NM TO 2500" TO "408 FT PER NM TO 2100" - UPDATED OBSTACLE EVALUATION.
2. TAKEOFF MINS: UPDATED RWY 12 FROM "STANDARD WITH MINIMUM CLIMB OF 304 NM TO 1800 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS" TO "STANDARD" - UPDATED OBSTACLE EVALUATION.
3. TAKEOFF MINS: RWY 30 CLIMB GRADIENT UPDATED FROM "345 FT PER NM TO 2500" TO "350 FT PER NM TO 2200" - UPDATED OBSTACLE EVALUATION.
4. TAKEOFF MINS: ADDED "RWY 19: STANDARD" - MISSING FROM PREVIOUS PUBLICATION.
5. MOVED VCOA INSTRUCTIONS FROM DEPARTURE PROCEDURES TO VCOA - IAW 8260.46 APPENDIX D9.
6. DEPARTURE PROCEDURE: CHANGED RWY 1 FROM "CLIMBING RIGHT TURN TO 2500 DIRECT GANSE (GF) LOM BEFORE PROCEEDING ON COURSE" TO "CLIMBING RIGHT TURN ON HEADING 192.00 TO 2100 BEFORE PROCEEDING ON COURSE" - REMOVED NDB FROM PROCEDURE/ FUTURE DECOMMISSIONING; UPDATED OBSTACLE EVALUATION..
7. DEPARTURE PROCEDURE: CHANGED RWY 12 FROM "CLIMBING RIGHT TURN TO 1800 DIRECT GANSE (GF) LOM BEFORE PROCEEDING ON COURSE" TO "CLIMBING RIGHT TURN ON HEADING 206.00 TO 1500 BEFORE PROCEEDING ON COURSE" - REMOVED NDB FROM PROCEDURE/ FUTURE DECOMMISSIONING; UPDATED OBSTACLE EVALUATION.
8. DEPARTURE PROCEDURE: CHANGED RWY 30 FROM "CLIMBING LEFT TURN TO 2500 DIRECT GANSE (GF) LOM BEFORE PROCEEDING ON COURSE" TO "CLIMBING LEFT TURN ON HEADING 169.00 TO 2200 BEFORE PROCEEDING ON COURSE" - REMOVED NDB FROM PROCEDURE/ FUTURE DECOMMISSIONING; UPDATED OBSTACLE EVALUATION.
9. UPDATED TAKEOFF OBSTACLE NOTES AND CONTROLLING OBSTACLES - UPDATED OBSTACLE EVALUATION.

