



Federal Aviation Administration

Memorandum

TO: Air Traffic Control System Command Center (ATCSCC) **DATE:** May 10, 2017

FROM: Paul McEwen, Traffic Management Officer, Anchorage ARTCC

SUBJECT: System Impact Report for Red Flag Alaska (RF-A) 17-2 Major Flying Exercise

Airport/Facility/Equipment Identifier: ZAN/FAI/A11/PAEI/PAED

Description of outage/project/event:

The US Air Force will host Red Flag-Alaska 17-2 major flying exercise in the Joint Pacific Alaska Range Complex (JPARC), hereafter referred to as RF-A Airspace. RF-A airspace consists of published MOAs and ATCAAs near the Fairbanks area that provides training airspace up to FL600. The 10-day exercise includes participants from South Korea, Japan, Thailand, US Army Alaska, US Marines and the US Air Force. 127 aircraft are scheduled to participate in the exercise, divided between Joint Base Elmendorf-Richardson (20 aircraft), Eielson AFB (87 aircraft), and Ladd/Allen AAF (20 aircraft) .

Scheduled dates/times (Zulu):

06/09/2017 (*Airspace Familiarization*): 1700-1900 UTC, 2130-2330 UTC, and 06/10/2017 from 0130-0300 UTC. **Weather backup (if needed) is 06/10/2017:** 1700-1900 UTC, 2130-2330 UTC, and 06/11/2017 from 0130-0300 UTC.

06/12/2017-06/23/2017 (Excluding Weekends): 1700-2100 UTC and 2300-0300 UTC daily. The Delta MOAs are active 1800-2030 UTC and 0000-0230 UTC daily. The exercise will end on 06/23/2017 at 2100 UTC. There will be only one exercise time period on this day.

Operational Impact:

Heavy air traffic demand and sector congestion is expected during the departure/arrival phase of each flying window. Anchorage ARTCC (ZAN) has worked with both Fairbanks ATCT (FAI) and Anchorage TRACON (A11) to develop routes and procedures to mitigate the impact on civilian customers. Increased staffing is anticipated at FAI and ZAN to handle the increased traffic demand.

Civilian air traffic transiting under and around military exercise airspace can expect enroute restrictions. Specifically, J502/J515 between FAI and ORT will not be available. A2, A15, B25, V444, V481, V515, T232, T226 and direct routes over or in the vicinity of BIG are unavailable 1800-2030 UTC and 0000-0230 UTC daily for Delta MOA operations. At other times during the exercise, flights in the vicinity of BIG will be restricted at or below 17000 MSL.

Additionally, IFR traffic may flight plan south of 63N latitude between FL320 and FL350.

Facility Recall: N/A.

Flight Check Requirement: N/A

Anticipated Delays:

Departure/arrival delays are possible at Anchorage International Airport and Fairbanks International Airport during the military departure/arrival phases of the exercise.

Anticipated TMI's:

Anchorage ARTCC TMU will monitor the exercise and initiate traffic management initiatives as needed to mitigate air traffic demand and assist controllers with their workload. ZAN TMU has issued International NOTAMs (attached) requesting airlines to file specific routes to circumnavigate the exercise airspace. A Letter of Agreement was developed between the FAA and military outlining procedures such as flight planning, mission specific routings, operating altitudes, and procedures for operating during the departure/arrival phase.

Customer Coordination:

ZAN TMU has International NOTAMs (attached) to notify customers of the exercise and of any applicable restrictions. Anchorage ARTCC will forward a copy of the NOTAM and exercise information to Edmonton ACC. Local military officers have attended several civilian user forums to brief the 2017 planned military exercises in Alaska and possible impacts on local traffic.

General Information:

Please see the attached draft NOTAMs and graphical depiction of Red Flag Alaska Airspace.

Contact Information:

For further information, contact Anchorage ARTCC TMU at (907) 269-1108 or via email to Tyler.w.blackwell@faa.gov or Scotty.Auton@faa.gov.

Date/Time of any scheduled telcons:

ZAN TMU will brief any updates on the morning WSA telcon and on the daily ZAN TMU hosted local customer telcon held each morning at 0815 ADT.

**Red Flag Alaska 17-2 Familiarization Day NOTAM
June 09, 2017**

AXXXX – ARLC

DUE TO THE RED FLAG-ALASKA MILITARY EXERCISE, THE FOLLOWING RESTRICTIONS ARE REQUIRED:

1) ALL WESTBOUND FLIGHTS ENTERING ANCHORAGE FIR NORTH OF 62N141W MUST BE ESTABLISHED ON ONE OF THE FOLLOWING ROUTES:

(A) ON OR NORTH OF NCA30

(B) OVER OR SOUTH OF ORT. IF ROUTING VIA ORT, UTILIZE ONE OF THE FOLLOWING TRANSITIONS:

(1) ORT J124 BGQ NODLE R220

(2) ORT J124 BGQ NODLE NICO R580

(3) ORT J124 GKN 6140N151W MCG

2) ALL EASTBOUND FLIGHTS TRANSITING ANCHORAGE FIR SHALL FLIGHT PLAN VIA ONE OF THE FOLLOWING:

(A) ON OR NORTH OF FYU J167 POTAT NCA30

(B) OVER OR SOUTH OF ANC J511 GKN J124 ORT

3) THE FOLLOWING ROUTES ARE NOT AVAILABLE:

(A) NCA28, NCA24, NCA19 AND NCA22

- (B) J167 BETWEEN GKN AND FYU
 - (C) J502/J515 BETWEEN FAI AND ORT
 - (D) V481 BETWEEN BIG AND FYU
 - (E) J507 BETWEEN ORT AND FYU
- 4) AIRCRAFT LANDING/DEPARTING FAI AND LOW ALTITUDE STRUCTURE AIRCRAFT FILED BETWEEN BIG AND ORT OR BIG AND GKN WILL BE RESTRICTED TO AT OR BELOW 17000 MSL. FOR QUESTIONS OR ADDITIONAL INFORMATION, CONTACT ANCHORAGE ARTCC TMU AT 907-269-1108. SFC - FL600, 1700-1900, 2130-2330, 0130-0300, 09 JUNE 17:00 2017 UNTIL 10 JUNE 03:00 2017.

Familiarization Day Weather Backup – June 10, 2017

The Familiarization Day NOTAM will be reissued for the backup day if necessary.

Red Flag Alaska 17-2 NOTAMs June 12-23, 2017 (Monday-Friday)

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AXXXX - ARLC

DUE TO THE ACTIVATION OF THE DELTA MOAS FOR THE RED FLAG-ALASKA MILITARY EXERCISE, THE FOLLOWING RESTRICTIONS ARE REQUIRED:

1) THE FOLLOWING ROUTE SEGMENTS THAT TRANSIT BIG/DJN ARE NOT AVAILABLE:

- (A) A2, A15 AND B25
- (B) V444, V481 AND V515
- (C) T232 AND T226
- (D) DIRECT ROUTES OVER OR IN THE VICINITY OF BIG.

2) IFR ARRIVALS/DEPARTURES TO/FROM ALLEN AAF ARE NOT AVAILABLE.

FOR QUESTIONS OR ADDITIONAL INFORMATION, CONTACT ANCHORAGE ARTCC TMU AT 907-269-1108. SFC – FL180, 1800-2030, 0000-0230 M-F, 12 JUNE 18:00 2017 UNTIL 23 JUNE 02:30 2017.

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