

AERONAUTICAL INFORMATION CIRCULAR Y 007/2017

UNITED KINGDOM



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Subject

Operational



EXERCISE JOINT WARRIOR (EX JW) 171 – NOTIFICATION OF LARGE SCALE MILITARY EXERCISE

1 Introduction

- 1.1 Exercise JOINT WARRIOR 171 will take place between **Sunday 26 March to Thursday 6 April 2017**. The Exercise is a **large scale military multi-national maritime, air and land exercise**. Whilst Ex Joint Warrior is historically held in Scotland and Northern England, Joint Warrior 171 will also see military air activity conducted in Southern England.
- 1.2 Intense aerial activity will take place predominantly in **Scotland (including the Western Isles, North West Approaches and the Borders region), Salisbury Plain Training Area (SPTA) including Keevil airfield, Stanford Training Area (STANTA), East Anglian MTA, Sennybridge Training Area (SENTA), Oakhampton TA, North East England (including Spadeadam EWTR and Otterburn TA) and over the North Sea.**
- 1.3 **Aircraft will engage in high-energy combat manoeuvres and may be unable to comply with the Rules of the Air.**

2 General Activity

- 2.1 The Exercise will incorporate maritime and land attack operations along with air defence operations involving large formations of fast jet aircraft in tactical packages. Up to 40 aircraft may take part simultaneously, some of which will launch and recover from maritime units.
- 2.2 Air-to-Air Refuelling, Maritime Patrol, Electronic Warfare (EW), Airborne Early Warning, Tactical Air Transport and Rotary Wing aircraft will all operate in support of the Exercise. Air to Surface and Surface to Air weaponry, Air to Air tactics training, target towing, electronic warfare measures, dispensing of chaff and firing of illuminates will also take place.
- 2.3 Intense Aerial Activity may be experienced throughout the areas detailed in Paragraph 1.2. Aircraft will operate from military ships and various military and civilian aerodromes in the area.
- 2.4 Unmanned Operations will take place within the exercise and will undertake ISTAR roles within Designated Training Ranges.

3 Airspace Restrictions and Reservations

- 3.1 Within the Scottish FIR/UIR, 3 areas known as **Fast Jet Areas (FJAs)** have been established extending from the surface to FL 550; these areas will be notified by NOTAM. When activated the FJAs will be afforded the segregated status of Special Use Airspace between FL 245 and FL 550 as defined in CAP 740 Appendix A. Intense aerial activity can be expected with large formations of fast jet attack aircraft conducting high energy evasive manoeuvres against opposing air defence aircraft. Below FL 245 the FJAs do not hold segregated status, however civilian aircraft are advised that if they proceed into the areas when active they should expect intense aerial activity with aircraft which may not be able to comply with Rules of the Air.

The dimensions of the FJAs are as follows:

- (a) **FJA North.** 594000N 0013000W - 591000N 0010000W - 580215N 0000948E-574700N 0010000W - 574000N 0013100W - 574000N 0025821W - 581920N 0055243W - 595000N 0060149W - 594000N 0013000W.
- (b) **FJA South.** 575900N 0065200W - 574600N 0061000W - 563500N 0052200W - 560600N 0063000W - 561000N 0065400W - 564200N 0081500W - 575000N 0081500W - 575900N 0065200W.
- (c) **FJA South East.** 575600N 0072000W - 575900N 0065200W - 574600N 0061000W - 563500N 0052200W - 560600N 0063000W - 561000N 0065400W - 562028N 0072000W - 575600N 0072000W.

- 3.2 **Maritime Gunnery** will take place in designated areas detailed below known as **J Areas**; these areas will be activated via NOTAM. Although Prestwick Control will endeavour to re-route traffic undertaking a Radar Service around the areas, they **do not attract Danger Area status** and are subject to standard clear range procedures. Firings may include towed aerial targets with maximum tow lengths of 23000 ft behind and 2000 ft below the towing aircraft. The dimensions of the J Areas are as follows:

- (a) **J1.** 571500N 0094000W - 571500N 0090931W - 570449N 0081500W - 563000N 0081500W - 563900N 0094000W - 571500N 0094000W. Surface to 55000 ft amsl;
- (b) **J1 Target Streaming Area.** 564200N 0081500W - 561000N 0065400W - 554400N 0065400W - 563524N 0090450W - 563000N 0081500 - 564200N 0081500W. Surface to 19000 ft amsl;

- (c) **J1 Supplementary Target Streaming Area.** 574000N 0073500W - 570449N 0081500W - 571500N 0090931W - 574000N 0082000W - 574000N 0073500W. Surface to 19000 ft amsl;
 - (d) **J4.** 592400N 0050000W - 590500N 0050000W - 590500N 0055712W - 592400N 0055908W - 592400N 0050000W. Surface to 55000 ft amsl;
 - (e) **J4 Target Streaming Area.** 590500N 0050000W - 591500N 0050000W - 590700N 0041000W - 583500N 0041000W - 583500N 0043000W - 590000N 0043000W - 590500N 0050000W. Surface to 24000 ft amsl;
 - (f) **J4 Supplementary Target Streaming Area.** 591500N 0055800W - 590500N 0055712W - 583200N 0055356W - 583200N 0061500W - 591500N 0061500W - 591500N 0055800W. Surface to 24000 ft amsl;
 - (g) **J5.** 584432N 0055510W - 590500N 0055712W - 590500N 0050000W - 585905N 0050000W - 584432N 0055510W. Surface to 55000 ft amsl;
 - (h) **J6.** 583200N 0050000W - 583200N 0055356W - 584432N 0055510W - 585905N 0050000W - 583200N 0050000W. Surface to 55000 ft amsl;
 - (i) **ROZ FOX.** 584500N 0053000W - 584500N 0050000W - 583200N 0050000W - 583200N 0053000W - 584500N 0053000W. Surface to 55000 ft amsl;
 - (j) In addition live missile firings and maritime gunnery will take place in Danger Areas D801, D802 and D803.
- 3.3 Activity by Exercise participants may also take place in a number of **Danger Areas**. All Danger Areas will be activated in accordance with the AIP or via NOTAM as required. Increased air activity is to be expected in the vicinity of those Danger Areas listed below:
- D011 Complex, D120, D123, D124, D125, D126, D127, D128, D203, D208, D307, D323 Complex, D412, D509, D510, D510A, D512, D513 Complex, D613 Complex, D701 Complex, D703, D710, D712, D801, D802, D803 and D809 Complex.
- 3.4 **Para Drop, Para Resupply and Rapid Air Landing** will take place both in Uncontrolled Airspace within Military Training Areas and at sea. All activity will be notified by NOTAM.
- 3.5 **Close Air Support** will take place within the following designated Danger Areas D307, D510, D512, D703, D802 and D803. Live Air to Ground firing can be expected at all except D510. Fast jet aircraft undertaking such activity will conduct high energy manoeuvres in support of ground formations and may be unable to comply with the Rules of the Air. Additional areas may also be used if required and will be notified via NOTAM.
- 3.6 aerial activity in support of land and maritime units may also be experienced in the following specified locations:
- (a) **Loch Ewe, Highlands.** 580000N 0055000W - 580000N 0053000W - 574000N 0053000W - 574000N 0055000W - 580000N 0055000W;
 - (b) **Loch Eriboll, Highlands.** 584000N 0045000W - 584000N 0043000W - 582000N 0043000W - 582000N 0045000W - 584000N 0045000W.
- 3.7 **Jamming.** All airspace users are to be aware that GPS, Radar and Communications jamming will take place at specified times in certain areas listed at Paragraph 1.2. GPS jamming will take place at Loch Ewe and Faraid Head, with plans submitted to also conduct GPS jamming at SENTA and STANTA. These will be activated by NOTAM as required. Further detail including maps of potentially affected areas will be provided.
- 3.8 **Unmanned Air Systems (UAS) Operations** will take place within D011 complex and notified areas of SPTA and STANTA (D208).

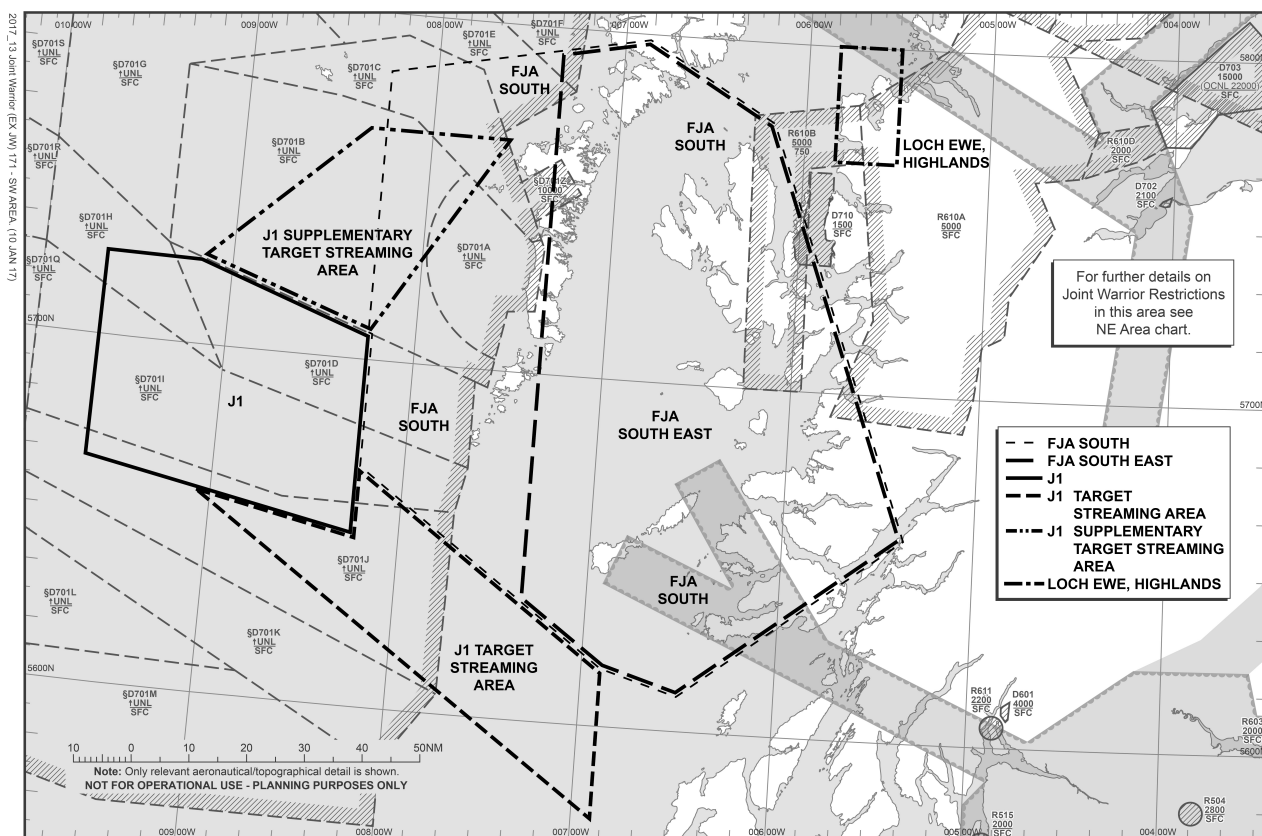
4 Chart

- 4.1 The charts below depict the FJAs and J Areas.

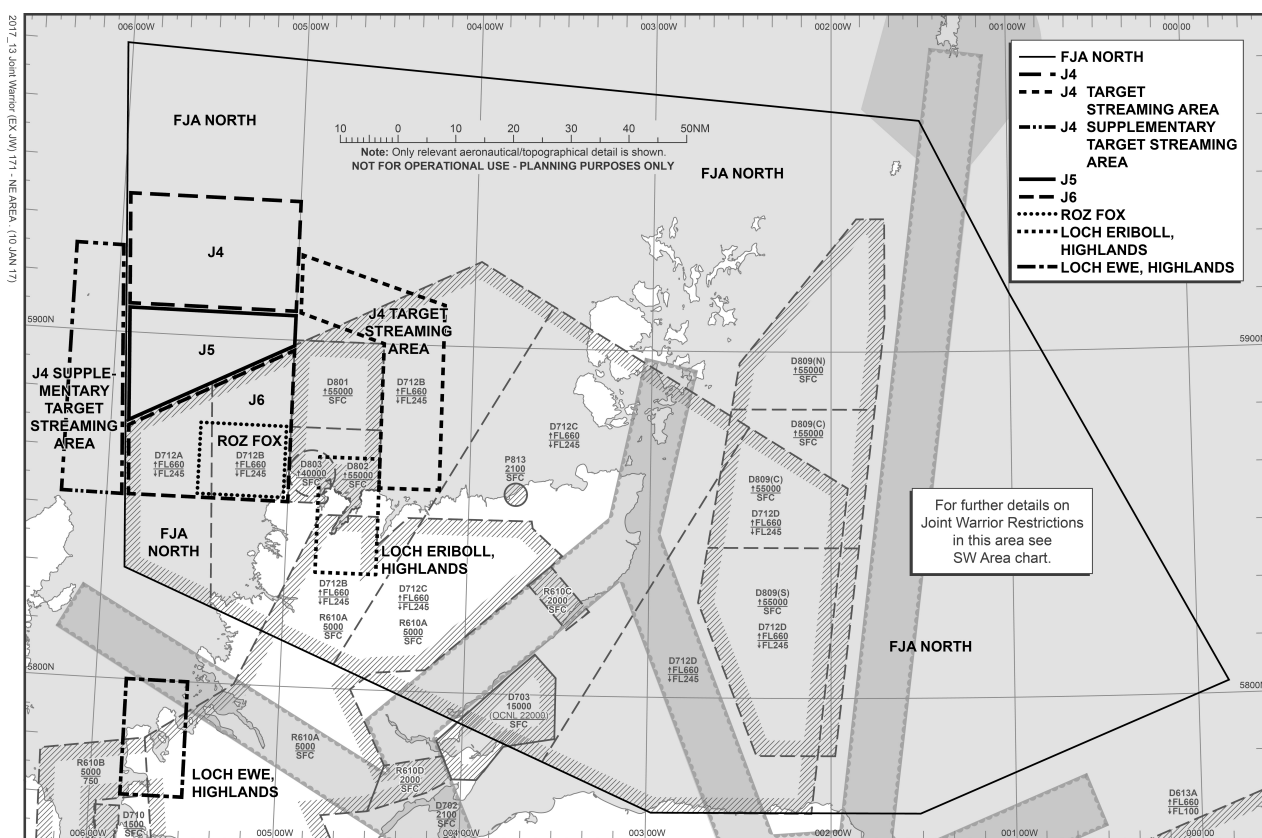
5 Contact

- 5.1 Further information on serial timings and enquiries should be directed as below:
- (a) **Prior to Exercise start.** JTEPS SO3 Battlespace Manager on +44 (0)1923-958782.
 - (b) **During Exercise.** JTEPS SO3 Battlespace Manager on +44 (0) 1436-674321 Ext 3751. Out of normal working hours all calls should be directed to the JTEPS Battlewatch Captain on +44 (0) 1436-674321 Ext. 4372.

RESTRICTION OF FLYING REGULATIONS JOINT WARRIOR (EX JW) 171 - SW AREA



RESTRICTION OF FLYING REGULATIONS JOINT WARRIOR (EX JW) 171 - NE AREA



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