

Letter of Agreement

Between

NATS (En Route) PLC

And

British Gliding Association (BGA)

And

78 Squadron, Swanwick (Military)

And

BAE Systems Warton



NATS

Effective Date: 30/08/2021
Review Date: 30/08/2023

NATS - PRIVATE

LETTER OF AGREEMENT

between

(1) NATS (En Route) PLC (“NATS”)

4000 Parkway, Whiteley, Fareham, Hampshire PO15 7FL

Airspace operated by

Scottish Control (Prestwick) (“NATS Unit”)

Prestwick Centre, Fresson Avenue, Prestwick, Ayrshire, KA9 2GX

and

(2) British Gliding Association (“Airspace User”)

8 Merus Court, Meridian Business Park, Leicester, LE19 1RJ

and

(3) 78 Squadron, Swanwick (Military)

Sopwith Way, Southampton, SO31 7AY

and

(4) BAE Systems Warton

Warton Aerodrome, Preston, Lancashire, PR4 1AX

Together referred to as **“the Parties”**.

Effective Date: 30/08/2021

1 GENERAL

1.1 The purpose of this Letter of Agreement is to define the co-ordination procedures to be applied between NATS and the Airspace User, to permit the Airspace User operating as VFR to fly within the airspace as set out within Section 2 of this Agreement.

- 1.2 The signatories to this Agreement are accountable for ensuring that the obligations set out by the Procedures in this Agreement are met in full.
- 1.3 This Agreement shall start on the Effective Date and shall be reviewed every 2 years for safety and applicability.
- 1.4 If applicable, where segregated airspace in controlled airspace is required for the purposes of compliance with EU 923/2012 Standardised Rules of the Air, (SERA), the Civil Aviation Authority has authorised NATS to create and operate such airspace in accordance with this Letter of Agreement (See Appendix).

2 DESCRIPTION OF AIRSPACE

- 2.1 A map of the Airspace is contained in Annex A.
- 2.2 There are 29 areas of defined airspace covered by this LOA which are categorised as TRA(G)s. All areas are from FL195 or above and retain Class C status at all times as detailed in the UK Aeronautical Information Publication.
- 2.3 The lateral and vertical extent of each of the areas are defined below by the following co-ordinates:

TRA(G) Scottish Upper Area (North)

The lateral extent of the airspace is defined by the following co-ordinates:

574000N 0034148W	574000N 0025518W	572852N 0022517W
571151N 0024717W	571801N 0034732W	574000N 0034148W

The vertical extent of the airspace is from FL240 to FL270 inclusive.

TRA(G) Scottish Upper Area (South)

The lateral extent of the airspace is defined by the following co-ordinates:

571801N 0034732W	571151N 0024717W	565119N 0031318W
570514N 0035049W	571801N 0034732W	

The vertical extent of the airspace is from FL240 to Unlimited.

Scottish Lower Area (North)

The lateral extent of the airspace is defined by the following co-ordinates:

574000N 0034148W	574000N 0025518W	572852N 0022517W
565119N 0031318W	570514N 0035049W	574000N 0034148W

The vertical extent of the airspace is from FL195 to FL240.

Scottish Lower Area (South)

The lateral extent of the airspace is defined by the following co-ordinates:

570514N 0035049W 565119N 0031318W 563302N 0033557W
562408N 0035258W 562144N 0040142W 570514N 0035049W

The vertical extent of the airspace is from FL195 to FL240.

Scottish Gliding Centre Area – (Portmoak Area)

The lateral extent of the airspace is defined by the following co-ordinates:

562926N 0034253W 562223N 0032624W 561200N 0032855W
561200N 0040404W 562144N 0040142W 562408N 0035258W
562926N 0034253W

The vertical extent of the airspace is from FL195 to FL240.

Aboyne Area

The lateral extent of the airspace is defined by the following co-ordinates:

571700N 0025300W 571216N 0023532W 565301N 0030005W
565730N 0031500W 571700N 0025300W

The vertical extent of the airspace is from FL195 to FL240.

Northern Ireland Area

The lateral extent of the airspace is defined by the following co-ordinates:

551010N 0065625W 551010N 0064000W 545000N 0064000W
545000N 0071600W 545617N 0071600W 551010N 0065625W

The vertical extent of the airspace is from FL195 to FL240.

Northumbria Area (North)

The lateral extent of the airspace is defined by the following co-ordinates:

560600N 0023914W 555500N 0020216W 554600N 0015854W
554600N 0024128W 560600N 0023914W

The vertical extent of the airspace is from FL195 to FL240.

Northumbria Area (South)

The lateral extent of the airspace is defined by the following co-ordinates:

554600N 0024128W 554600N 0015854W 552644N 0015147W
551803N 0015434W 552951N 0023046W 553928N 0024211W
554600N 0024128W

The vertical extent of the airspace is from FL195 to FL240.

Spadeadam Lower Area

The lateral extent of the airspace is defined by the following co-ordinates:

550251N 0021822W 545815N 0020423W 543952N 0021005W
550251N 0021822W

The vertical extent of the airspace is from FL195 to FL240.

Spadeadam Upper Area

The lateral extent of the airspace is defined by the following co-ordinates:

550642N 0023639W 545902N 0020925W 544416N 0021359W
550642N 0023639W

The vertical extent of the airspace is from FL240 to Unlimited.

Yorkshire Upper Area (North)

The lateral extent of the airspace is defined by the following co-ordinates:

543223N 0012622W 541026N 0010000W 540000N 0010000W
540000N 0012332W 541207N 0013559W 543223N 0012622W

The vertical extent of the airspace is from FL240 to Unlimited.

Yorkshire Lower Area (North)

The lateral extent of the airspace is defined by the following co-ordinates:

543223N 0012622W 541026N 0010000W 540000N 0010000W
540000N 0012332W 541207N 0013559W 543223N 0012622W

The vertical extent of the airspace is from FL195 to FL240.

Yorkshire Lower Area (South)

The lateral extent of the airspace is defined by the following co-ordinates:

541026N 0010000W	534637N 0003203W	535158N 0011521W
540000N 0012332W	540000N 0010000W	541026N 0010000W

The vertical extent of the airspace is from FL195 to FL240.

Welsh Upper Area A

The lateral extent of the airspace is defined by the following co-ordinates:

531655N 0043000W	531546N 0040000W	530000N 0040000W
530000N 0043000W	531655N 0043000W	

The vertical extent of the airspace is from FL240 to Unlimited.

Welsh Lower Area A

The lateral extent of the airspace is defined by the following co-ordinates:

531655N 0043000W	531546N 0040000W	530000N 0040000W
530000N 0043000W	531655N 0043000W	

The vertical extent of the airspace is from FL195 to FL240.

Welsh Upper Area B

The lateral extent of the airspace is defined by the following co-ordinates:

531546N 0040000W	531505N 0034316W	530603N 0032604W
530000N 0032630W	530000N 0040000W	531546N 0040000W

The vertical extent of the airspace is from FL240 to Unlimited.

Welsh Lower Area B

The lateral extent of the airspace is defined by the following co-ordinates:

531546N 0040000W	531505N 0034316W	530603N 0032604W
530000N 0032630W	530000N 0040000W	531546N 0040000W

The vertical extent of the airspace is from FL195 to FL240.

Welsh Upper Area C

The lateral extent of the airspace is defined by the following co-ordinates:

531505N 0034316W	531429N 0032929W	531227N 0032536W
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530603N 0032604W 531505N 0034316W

The vertical extent of the airspace is from FL240 to Unlimited.

Welsh Lower Area C

The lateral extent of the airspace is defined by the following co-ordinates:

531505N 0034316W 531429N 0032929W 531227N 0032536W
530603N 0032604W 531505N 0034316W

The vertical extent of the airspace is from FL195 to FL240.

Welsh Upper Area D

The lateral extent of the airspace is defined by the following co-ordinates:

530000N 0043000W 530000N 0040000W 522642N 0040000W
524356N 0043000W 530000N 0043000W

The vertical extent of the airspace is from FL240 to Unlimited.

Welsh Lower Area D

The lateral extent of the airspace is defined by the following co-ordinates:

530000N 0043000W 530000N 0040000W 522642N 0040000W
524356N 0043000W 530000N 0043000W

The vertical extent of the airspace is from FL195 to FL240.

Welsh Upper Area E

The lateral extent of the airspace is defined by the following co-ordinates:

530000N 0040000W 530000N 0032630W 525007N 0032713W
524220N 0033916W 523000N 0034007W 523000N 0040000W
530000N 0040000W

The vertical extent of the airspace is from FL240 to Unlimited.

Welsh Lower Area E

The lateral extent of the airspace is defined by the following co-ordinates:

530000N 0040000W 530000N 0032630W 525007N 0032713W
524220N 0033916W 523000N 0034007W 523000N 0040000W
530000N 0040000W

The vertical extent of the airspace is from FL195 to FL240.

Welsh Upper Area F

The lateral extent of the airspace is defined by the following co-ordinates:

525007N 0032713W 523000N 0032839W 523000N 0034007W
524220N 0033916W 525007N 0032713W

The vertical extent of the airspace is from FL240 to FL270.

Welsh Lower Area F

The lateral extent of the airspace is defined by the following co-ordinates:

525007N 0032713W 523000N 0032839W 523000N 0034007W
524220N 0033916W 525007N 0032713W

The vertical extent of the airspace is from FL195 to FL240.

Welsh Upper Area G

The lateral extent of the airspace is defined by the following co-ordinates:

523000N 0040000W 523000N 0032839W 520911N 0033007W
522642N 0040000W 523000N 0040000W

The vertical extent of the airspace is from FL240 to FL270.

Welsh Lower Area G

The lateral extent of the airspace is defined by the following co-ordinates:

523000N 0040000W 523000N 0032839W 520911 0033007W
522642N 0040000W 523000N 0040000W

The vertical extent of the airspace is from FL195 to FL240.

Welsh Area H

The lateral extent of the airspace is defined by the following co-ordinates:

522642N 0040000W 520911N 0033007W 520149N 0033037W
520530N 0040000W 522642N 0040000W

The vertical extent of the airspace is from FL195 to FL240.

- 2.4 Any revision to the lateral and vertical extent of the segregated airspace described above, additionally requires approval by the CAA (Safety and Airspace Regulation Group).

3 PROCEDURES

- 3.1 The procedures to be applied between NATS and the Airspace User, are detailed in the Annexes to this Letter of Agreement:

Annex A: Procedures

Annex B: Telephone Communications

Annex C: Abbreviations and Definitions

Annex D: Checklist

4 OPERATIONAL STATUS

- 4.1 All parties shall keep each other advised of any changes to operational facilities or any other matters which may affect the procedures specified in this Letter of Agreement.

5 REVISIONS

- 5.1 Any revision to the Letter of Agreement, excluding the Appendix and Annexes, requires the mutual written consent of the Letter of Agreement signatories or the successor to their position/roles and requires the LoA to be re-signed.
- 5.2 Any revision to the Appendix and/or Annexes of the Letter of Agreement requires the mutual written consent of the designated representatives of the signatories but does not require the LoA to be re-signed.

6 DEVIATIONS

- 6.1 When necessary the appropriate Operational Supervisor(s) and responsible representative of the Airspace User may introduce, by mutual agreement, temporary modifications to the procedures laid down in the Annexes to the Letter of Agreement for a specific time period within the existing term of this Letter of Agreement.
- 6.2 If applicable, where segregated airspace in controlled airspace is required any temporary change which would have the effect of increasing the lateral and/or vertical extent of the segregated airspace requires prior approval by the CAA (Safety and Airspace Regulation Group).
- 6.3 Instances may arise where incidental deviations from the procedures specified in the Annexes to this Letter of Agreement may become necessary. Under these circumstances air traffic controllers are expected to exercise their best judgement to ensure the safety and efficiency of air traffic.

7 CANCELLATION

- 7.1 Cancellation of this Letter of Agreement by one of the signatories (or their successors) is possible at any time in relation to ongoing and significant safety related matters which have not been remedied within a reasonable period following regular consultation between the signatories.

8 INTERPRETATION AND SETTLEMENT OF DISPUTES

- 8.1 Should any doubt or diverging views arise regarding the interpretation of any provision of the present Letter of Agreement or in case of dispute regarding its application, the parties shall endeavour to reach a solution acceptable to them all.
- 8.2 Should no agreement be reached, each of the parties shall refer such dispute to the CAA for determination.

9 REQUESTING AN AMENDMENT TO THE LETTER OF AGREEMENT

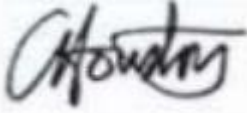
- 9.1 Access to the Airspace is granted to the Airspace User by NATS as the designated authority responsible for the airspace detailed in this Agreement, on the terms set out in this Letter of Agreement. It is the responsibility of Airspace User to seek NATS' agreement to any amendment of this Letter of Agreement.
- 9.2 Where the Airspace User wishes to amend the Letter of Agreement with NATS for access to the Airspace then the Airspace User will send a written request to the NATS unit no later than 3 months' notice prior to the proposed amendment date.

10 REVIEWING THE LETTER OF AGREEMENT

- 10.1 It is the responsibility of all parties to review this Letter of Agreement at least every 2 years.
- 10.2 A review of the Letter of Agreement may be requested by any of the signatories and at any time.
- 10.3 When changes are made to the LoA, the appropriate footer of either the main body, Appendix or Annex affected will be updated. In addition, Annex D shall be updated to reflect the changes.

SIGNATURE PAGE

SIGNED



Name: Colin Houston
Position/Role: GM Prestwick
Unit: Scottish Control (Prestwick)
 NATS (En Route) PLC
DATE: 20/07/21

SIGNED



Name: Gary Dixon
Position/Role: GM Swanwick
Unit: London Control (Swanwick)
 NATS (En Route) PLC
DATE: 05/08/21

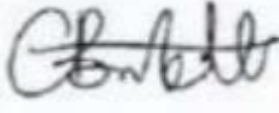
SIGNED



Name: Pete Stratten
Position/Role: CEO
Organisation: British Gliding Association

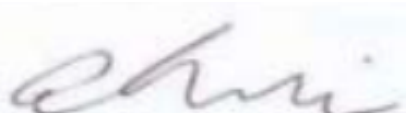
DATE: 06/08/21

SIGNED



Name: Chris Birkett
Position/Role: Manager ATS
Organisation: BAE Systems

DATE: 06/08/21



Name: Wg Cdr C Miller
Position/Role: Officer Commanding
Organisation: 78 Squadron, Swanwick
 (Military)
DATE: 16 AUG 21

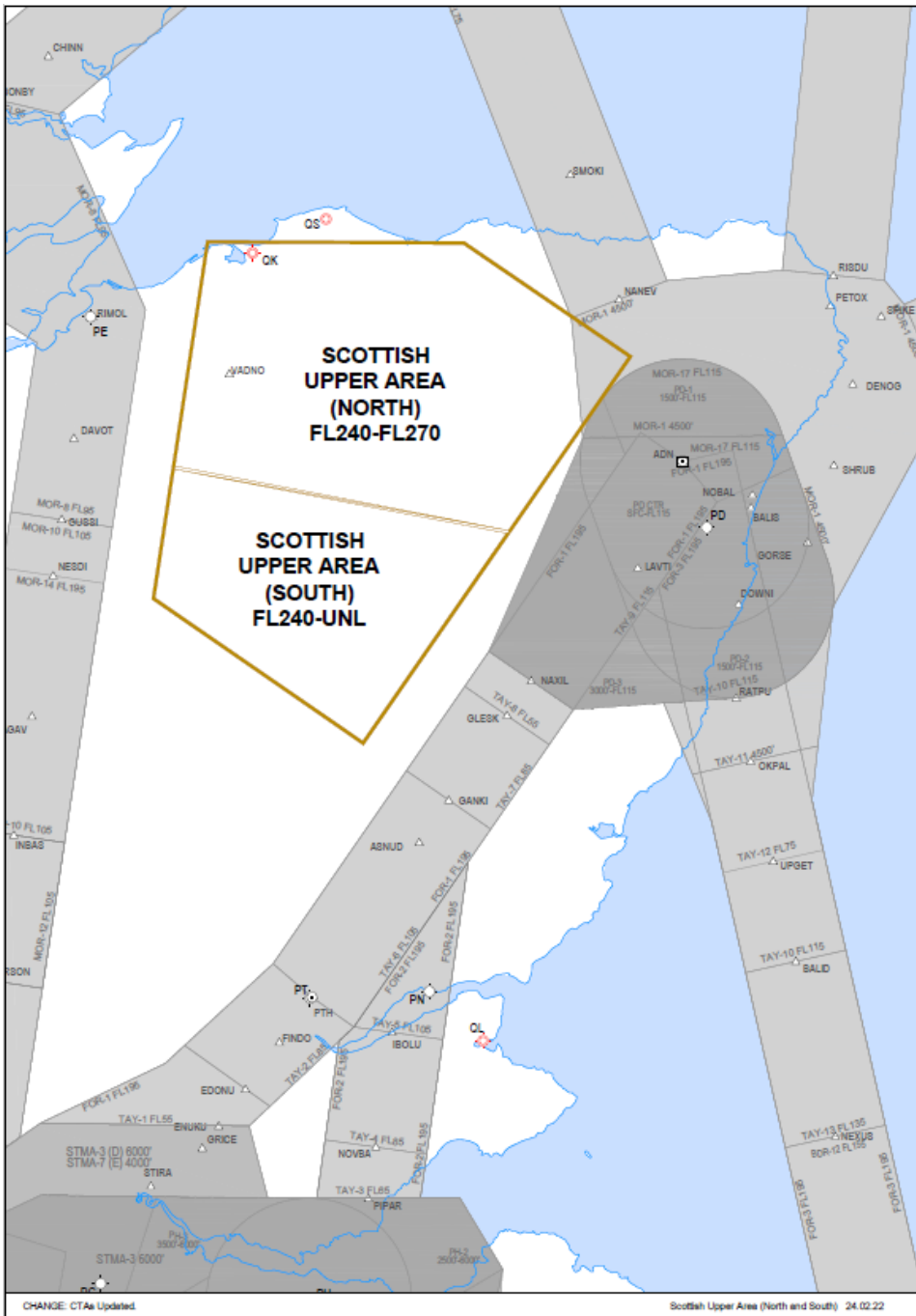
ANNEX A
PROCEDURES

Effective: 23/03/2023

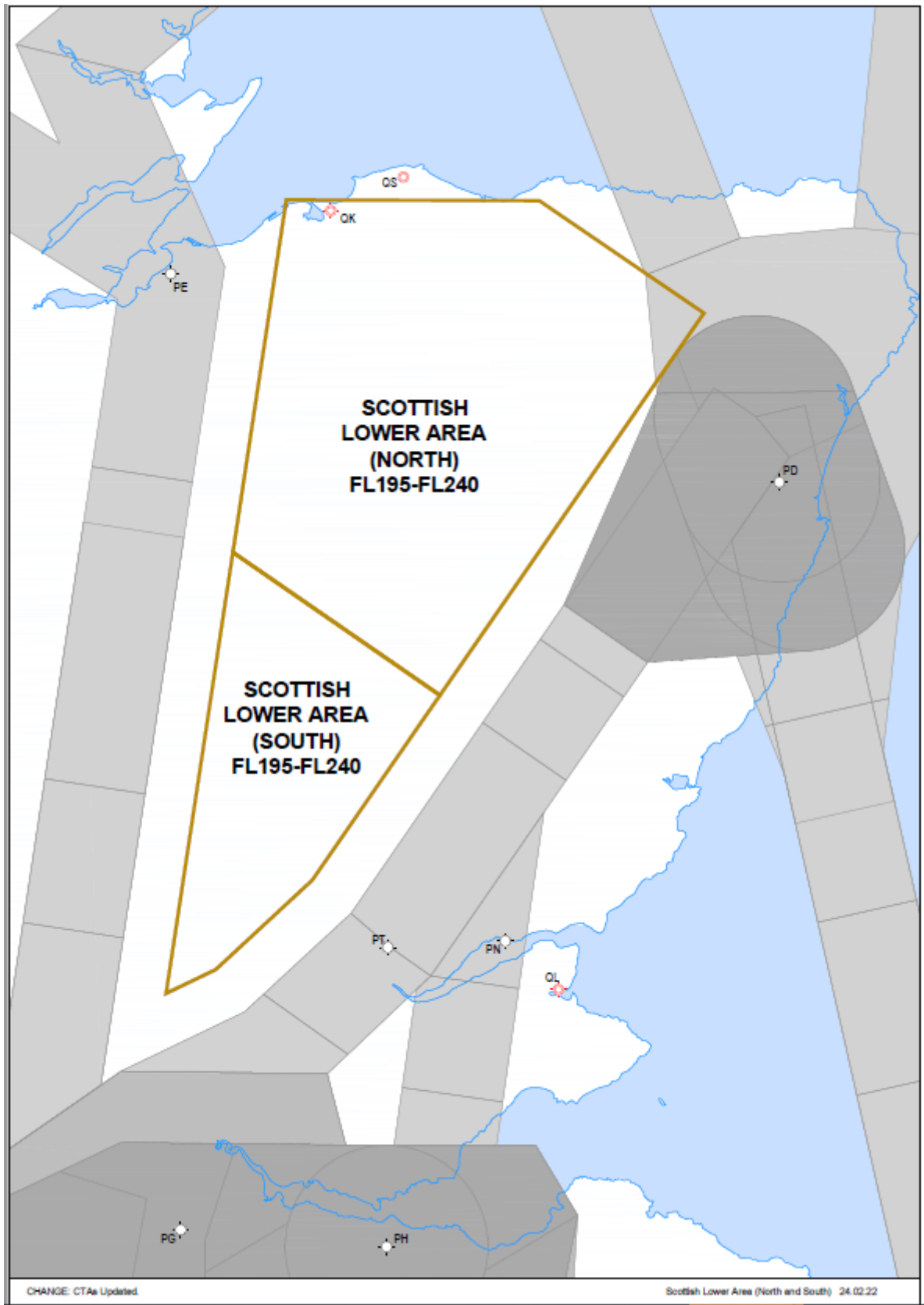
A.1 Scottish Upper Area (North and South) and Scottish Lower Area (North and South)

A.1.1 The defined areas are detailed in 2.3. Maps depicting the areas are shown below.

Scottish Upper Area (North and South)



A.1.1.1 **Scottish Lower Area (North and South)**



A.1.2 Eligibility

- A.1.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members, of Deeside Gliding Club (Aboyne), the Scottish Gliding Centre (Portmoak), the Highland Gliding Club (Easterton) or the Cairngorm Gliding Club (Feshiebridge).
- A.1.2.2 Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.1.3 Hours of Operation

- A.1.3.1 Activation of the defined areas is restricted to weekends and published English Public Holidays (daylight hours).
- A.1.3.2 In addition to A.1.5.1, the defined areas may be activated during weekdays to accommodate one Spring and one Autumn Mountain Wave festival subject to an associated published ACN and approval by the Prestwick Centre Operations Supervisor and 78 Sqn (Mil) North Supervisor.

A.1.4 Notification

- A.1.4.1 Any of the clubs listed at A.1.2.1 may request activation of a TRA(G) by telephoning the Prestwick Centre Operations Supervisor at least 2 hours prior to the start time of the activity stating a start time, requested upper flight level and de-activation time.
- A.1.4.2 If a TRA(G) has been activated and a subsequent request for activation is received from another club, the Prestwick Centre Operations Supervisor shall inform that club of the current activation period and agreed upper flight level.
- A.1.4.3 On receipt of a request to activate a TRA(G) the Prestwick Centre Operations Supervisor shall coordinate the activation with the 78 Sqn (Mil) North Supervisor. If a Basic Service cannot be provided by 78 Sqn (Mil) as per A.1.5.3, approval to operate above FL240 will not be granted.
- A.1.4.4 If multiple activations of a TRA(G) are approved the Prestwick Centre Operations Supervisor and 78 Sqn (Mil) North Supervisor shall promulgate the TRA(G) activity from the earliest activation to latest notified de-activation time. The TRA(G) will be taken as active within these time periods unless notification has been received by the Prestwick Centre Operations Supervisor of the cessation of activity by ALL clubs operating in the airspace that day.
- A.1.4.5 The Prestwick Centre Operations Supervisor will notify the 78 Sqn (Mil) North Supervisor of early deactivation of the defined area(s). Should 78 Sqn Mil no longer be able to provide a service above FL240 the procedure at A.1.7.3 shall be applied and the Prestwick Centre Operations Supervisor shall be notified.
- A.1.4.6 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area by other traffic.

A.1.5 Service

- A.1.5.1 Scottish Control (Prestwick) may provide a Basic Service to aircraft operating within Scottish Lower Area (North and/or South), subject to workload, on frequency 124.5 MHz.

A.1.5.2 When operating within Scottish Lower Area (North and/or South), any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz

A.1.5.3 When operating in Scottish Upper Area (North and/or South), 78 Sqn (Mil) shall provide a Basic Service in accordance with the UK AIP. 78 Sqn (Mil) will provide the frequency on approval of activation.

A.1.6 Procedures

A.1.6.1 When the defined airspace is activated, Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.

A.1.6.2 Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic to operate within 5nm of the edge of an activated TRA(G).

A.1.7 Emergencies

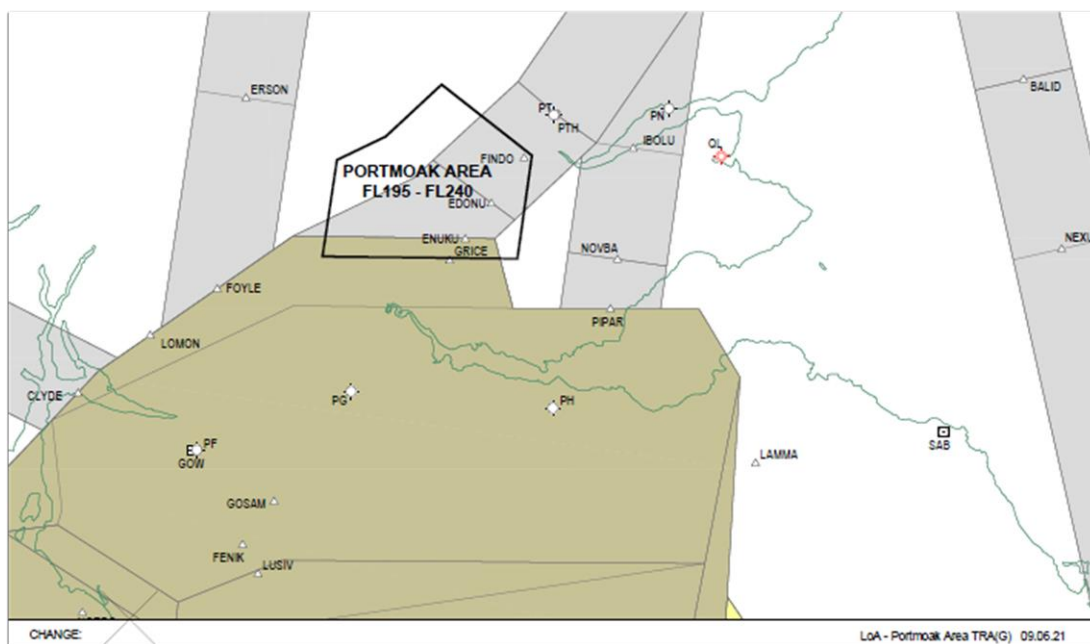
A.1.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace when it has been activated the following shall be undertaken:

A.1.7.2 For Scottish Lower Areas (North and South) - the Prestwick Centre Operations Supervisor shall endeavour to close the TRA(G) by telephoning the appropriate gliding club and via messages relayed on the appropriate frequency.

A.1.7.3 For Scottish Upper Areas (North and South) – The 78 Sqn (Mil) North Supervisor shall close the TRA(G) by instructing gliders on the military frequency to vacate the TRA(G) and report vacated.

A.2 Portmoak Area (Scottish Gliding Centre)

A.2.1 The defined airspace is detailed at 2.3 and a map depicting the area is shown below.



A.2.2 Eligibility

A.2.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members, of The Scottish Gliding Centre (Portmoak).

A.2.2.2 Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.2.3 Hours of Operation

A.2.3.1 Activation of the defined area is restricted to weekends only (daylight hours).

A.2.4 Notification

A.2.4.1 Scottish Gliding Centre (Portmoak) may request activation of the defined airspace by telephoning the Prestwick Centre Operations Supervisor at least 2 hours prior to the start time of the activity stating a start time, requested upper flight level, if appropriate, and de-activation time.

A.2.4.2 The Prestwick Centre Operations Supervisor shall coordinate the activation with the 78 Sqn (Mil) North Supervisor.

A.2.4.3 Scottish Gliding Centre (Portmoak) may also advise the Prestwick Centre Operations Supervisor of intent to activate the defined airspace by an "activation pending an RT call" request.

A.2.4.4 When an "activation pending an RT call" request is approved, the Prestwick Centre Operations Supervisor shall coordinate the pending activation with the 78 Sqn (Mil) North Supervisor.

A.2.4.5 Scottish Control (Prestwick) may continue to use the defined airspace until activation is confirmed via the RT.

A.2.4.6 To confirm activation of the defined airspace following an "activation pending an RT call", Scottish Gliding Centre (Portmoak) pilots shall call Scottish Control (Prestwick) on frequency 124.5Mhz at least 15mins before the requested activation time and request activation of the defined airspace and state a deactivation time.

A.2.4.7 In order to allow sufficient time to clear IFR traffic from the defined airspace, Scottish Control (Prestwick) may delay the requested activation time. A delay will be issued to the Scottish Gliding Centre (Portmoak) pilot via a "not before time ****" instruction.

A.2.4.8 The Prestwick Centre Operations Supervisor shall notify the 78 Sqn (Mil) North Supervisor of the details of the confirmed activation.

A.2.4.9 The "activation pending an RT call" method may be used when it is likely, but not confirmed, that activity within the defined area is possible.

A.2.4.10 Promulgation of the TRA(G) activity shall be from the earliest possible activation time to the latest deactivation time.

A.2.4.11 The Prestwick Centre Operations Supervisor will notify the 78 Sqn (Mil) North Supervisor of early deactivation of the defined area(s).

A.2.4.12 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area (outside CAS) by other traffic.

A.2.5 Service

A.2.5.1 Scottish Control (Prestwick) may provide a Basic Service to aircraft operating within the defined airspace on 124.5 MHz, subject to workload.

A.2.5.2 When operating within the defined airspace any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz.

A.2.6 Procedure

A.2.6.1 When the defined airspace is activated, Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.

A.2.6.2 Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic under a control service to operate within 5nm of the edge of an activated TRA(G).

A.2.6.3 The defined airspace can only be activated in conjunction with activation of the defined airspace within the Scottish Gliding Centre (P600 Gliding Area/Portmoak) access to P600 Gliding Area LoA.

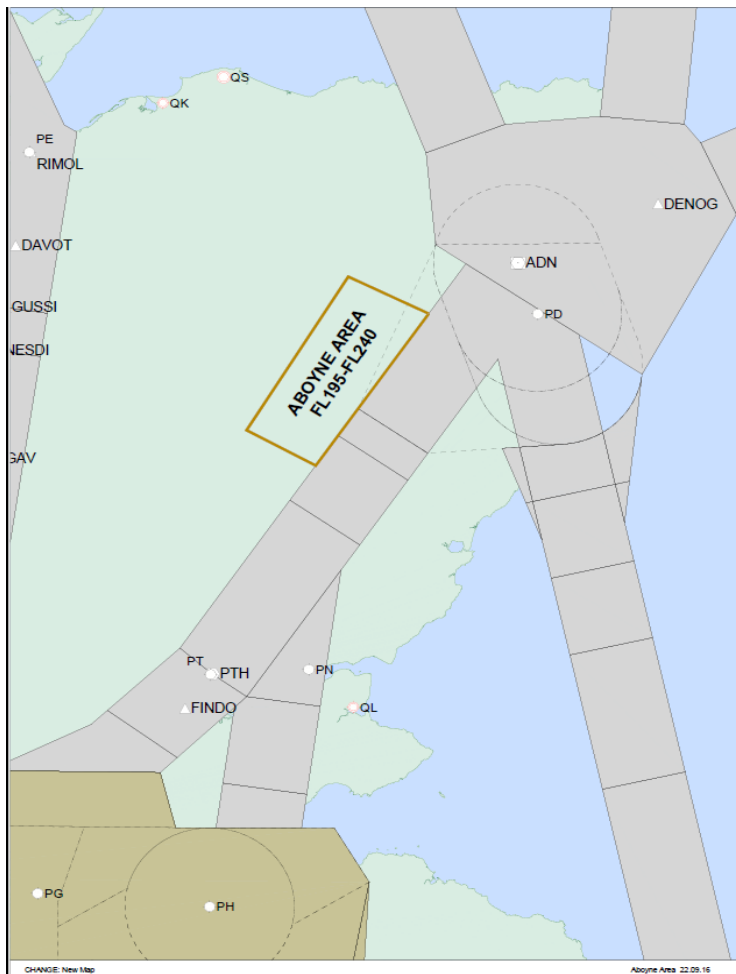
A.2.7 Emergencies

A.2.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace when it has been activated the following shall be undertaken:

A.2.7.2 The Prestwick Operations Supervisor shall endeavour to close the TRA(G) by telephoning Scottish Gliding Centre (Portmoak) gliding club and via relaying messages on the appropriate frequency.

A.3 Aboyne Area

A.3.1.1 The defined area is detailed at LoA 2.3 and a map depicting the area is shown below.



A.3.2 Eligibility

A.3.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members, of Deeside Gliding Club (Aboyne).

A.3.2.2 Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.3.3 Hours of Operation

A.3.3.1 Activation of the defined area may be requested weekdays and weekends but is restricted to daylight hours only.

A.3.4 Notification

A.3.4.1 Deeside Gliding Club (Aboyne) may request activation of the defined airspace by telephoning the Prestwick Centre Operations Supervisor at least 2 hours prior to the start time of the activity stating a start time, requested upper flight level, if appropriate, and de-activation time.

- A.3.4.2 On receipt of a request to activate the defined airspace the Prestwick Centre Operations Supervisor shall coordinate the activation with the 78 Sqn (Mil) North Supervisor.
- A.3.4.3 The Prestwick Centre Operations Supervisor will notify the 78 Sqn (Mil) North Supervisor of early deactivation of the defined area(s).
- A.3.4.4 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area by other traffic.

A.3.5 Service

- A.3.5.1 Scottish Control (Prestwick) may provide a Basic Service to aircraft operating within the defined airspace, subject to workload, on frequency 124.5 MHz.
- A.3.5.2 When operating in the defined airspace, any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz.

A.3.6 Procedures

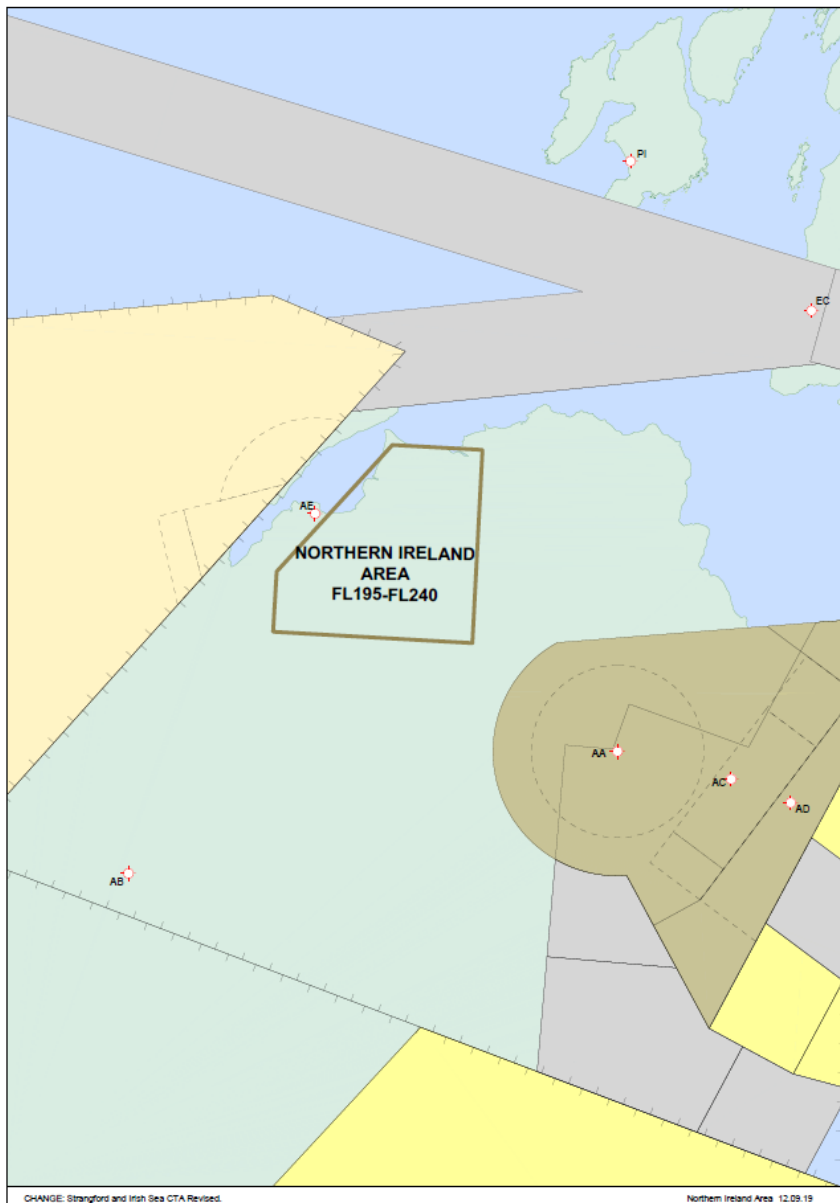
- A.3.6.1 When the defined airspace is activated, Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.
- A.3.6.2 Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic under a control service to operate within 5nm of the edge of an activated TRA(G).

A.3.7 Emergencies

- A.3.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace, or in Forth CTA 1 or Tay CTA 7/8/9 within 5nm of the edge of the defined airspace between FL190 and FL240 when it has been activated, the following shall be undertaken:
- A.3.7.2 The Prestwick Centre Operations Supervisor shall endeavour to close the TRA(G) by telephoning Deeside Gliding Club (Aboyne) and via messages relayed on the appropriate frequency.

A.4 Northern Ireland Area

A.4.1 The defined area is detailed at LoA 2.3 and a map depicting the area is shown below.



A.4.2 Eligibility

A.4.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members, of the Ulster Gliding Club.

Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.4.3 Hours of Operation

A.4.3.1 Activation of the defined area is restricted to weekends and published English Public Holidays (daylight hours only).

A.4.4 Notification

- A.4.4.1 Ulster Gliding Club may request activation of the defined airspace by telephoning the Prestwick Centre Operations Supervisor at least 2 hours prior to the start time of the activity stating a start time, requested upper flight level, if appropriate, and de-activation time.
- A.4.4.2 On receipt of a request to activate the defined area the Prestwick Centre Operations Supervisor shall coordinate the activation with the 78 Sqn (Mil) North Supervisor.
- A.4.4.3 The Prestwick Centre Operations Supervisor will notify the 78 Sqn (Mil) North Supervisor of early deactivation of the defined area(s).
- A.4.4.4 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area by other traffic.

A.4.5 Service

- A.4.5.1 Scottish Control (Prestwick) may provide a Basic Service to aircraft operating within the defined area, subject to workload, on frequency 127.275 MHz.
- A.4.5.2 When operating in the defined area, any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz.

A.4.6 Procedures

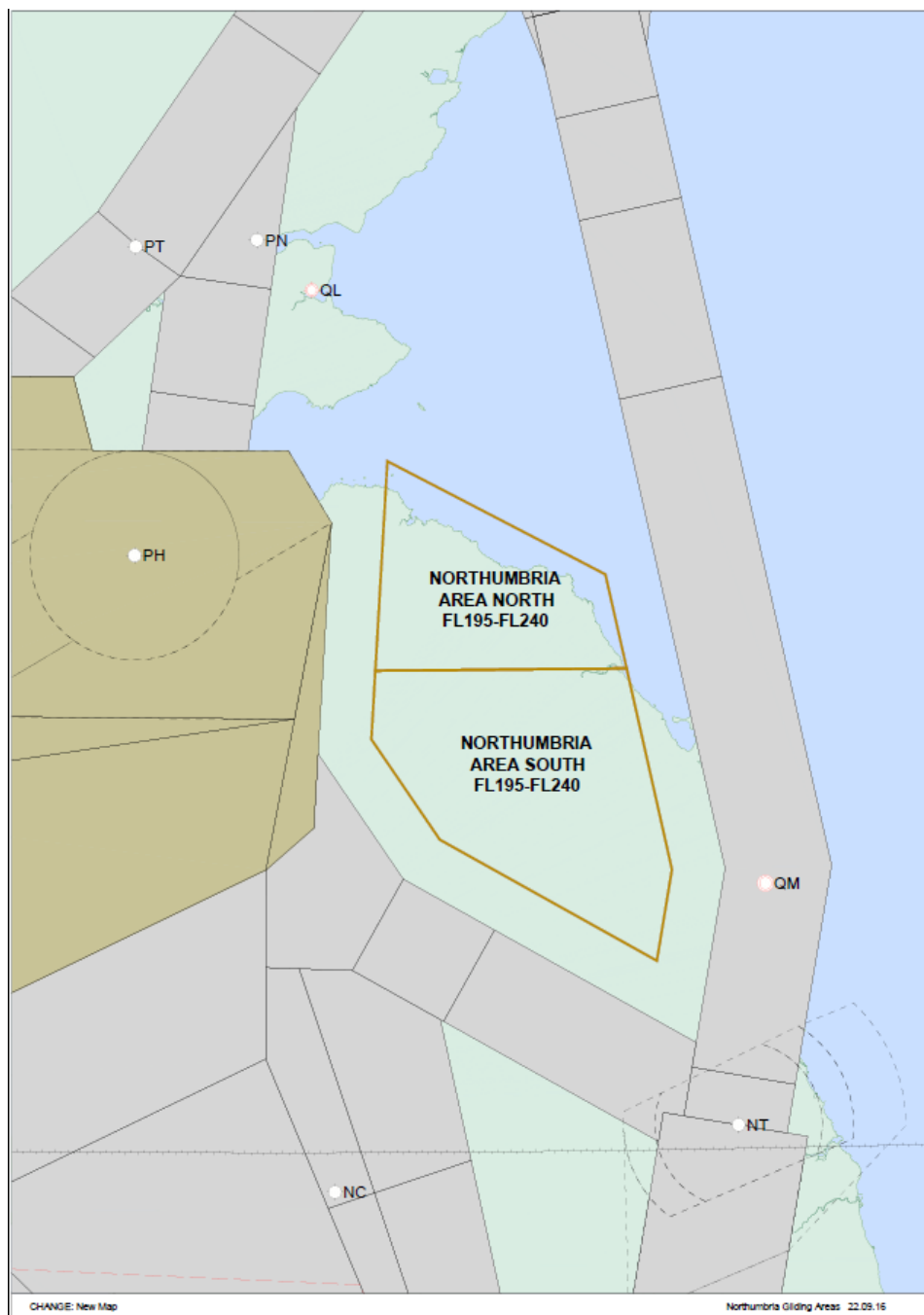
- A.4.6.1 When the defined area is activated, Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.
- A.4.6.2 Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic under a control service to operate within 5nm of the edge of an activated TRA(G).

A.4.7 Emergencies

- A.4.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace when it has been activated the following shall be undertaken:
- A.4.7.2 The Prestwick Centre Operations Supervisor shall endeavour to close the TRA(G) by telephoning Ulster Gliding Club and via messages relayed on the appropriate frequency.

A.5 Northumbria Areas (North and South)

A.5.1 The defined areas are detailed at LoA 2.3. A map depicting the area is shown below.



A.5.2 Eligibility

A.5.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members, of The Borders Gliding Club (Millfield).

A.5.2.2 Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.5.3 Hours of Operation

A.5.3.1 Activation of the defined areas is restricted to weekends and published English Public Holidays (daylight hours only).

A.5.4 Notification

A.5.4.1 Only one of the two defined areas may be activated at any one time.

A.5.4.2 The Borders Gliding Club (Millfield) may request activation of one of the defined areas by telephoning the Prestwick Centre Operations Supervisor at least 2 hours prior to the start time of the activity, stating which defined area, a start time, requested upper flight level if appropriate and de-activation time.

A.5.4.3 On receipt of a request to activate the defined area the Prestwick Centre Operations Supervisor shall coordinate the activation with the 78 Sqn (Mil) North Supervisor.

A.5.4.4 If one of the defined areas is activated and soaring conditions require activation of the other defined area; Borders Gliding Club (Millfield) may advise the Prestwick Centre Operations Supervisor of intent to activate the other defined area by an "activation pending an RT call" request.

A.5.4.5 When an "activation pending an RT call" request is approved, the Prestwick Centre Operations Supervisor shall coordinate the pending activation with the 78 Sqn (Mil) North Supervisor.

A.5.4.6 Scottish Control (Prestwick) may continue to use the defined airspace until activation is confirmed via the RT.

A.5.4.7 To confirm activation of the defined airspace following an "activation pending an RT call", Borders Gliding Club (Millfield) pilots shall call Scottish Control (Prestwick) on frequency 124.5Mhz at least 15mins before the requested activation time, stating a deactivation time of the first defined area and request activation of the other defined area stating upper level, if appropriate, and a deactivation time.

A.5.4.8 In order to allow sufficient time to clear any IFR traffic from the defined area, Scottish Control (Prestwick) may delay the requested activation time. A delay will be issued to the Border Gliding Club (Millfield) via a "not before time ****" instruction.

A.5.4.9 The Prestwick Centre Operations Supervisor and 78 Sqn(Mil) North Supervisor shall not approve the activation of the other defined area until the initial defined area is deactivated.

A.5.4.10 The Prestwick Centre Operations Supervisor will notify the 78 Sqn (Mil) North Supervisor of early deactivation of the defined area(s).

A.5.4.11 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area by other traffic.

A.5.5 Service

A.5.5.1 Scottish Control (Prestwick) may provide a Basic Service to aircraft operating within the defined airspace, subject to workload, on frequency 124.5 MHz.

A.5.5.2 When operating within the defined areas, any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz.

A.5.6 Procedures

A.5.6.1 When the defined airspace is activated, Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.

A.5.6.2 Scottish Control (Prestwick) and 78 Sqn (Mil) shall not allow IFR traffic under a control service to operate within 5nm of the edge of an activated TRA(G).

A.5.7 Emergencies

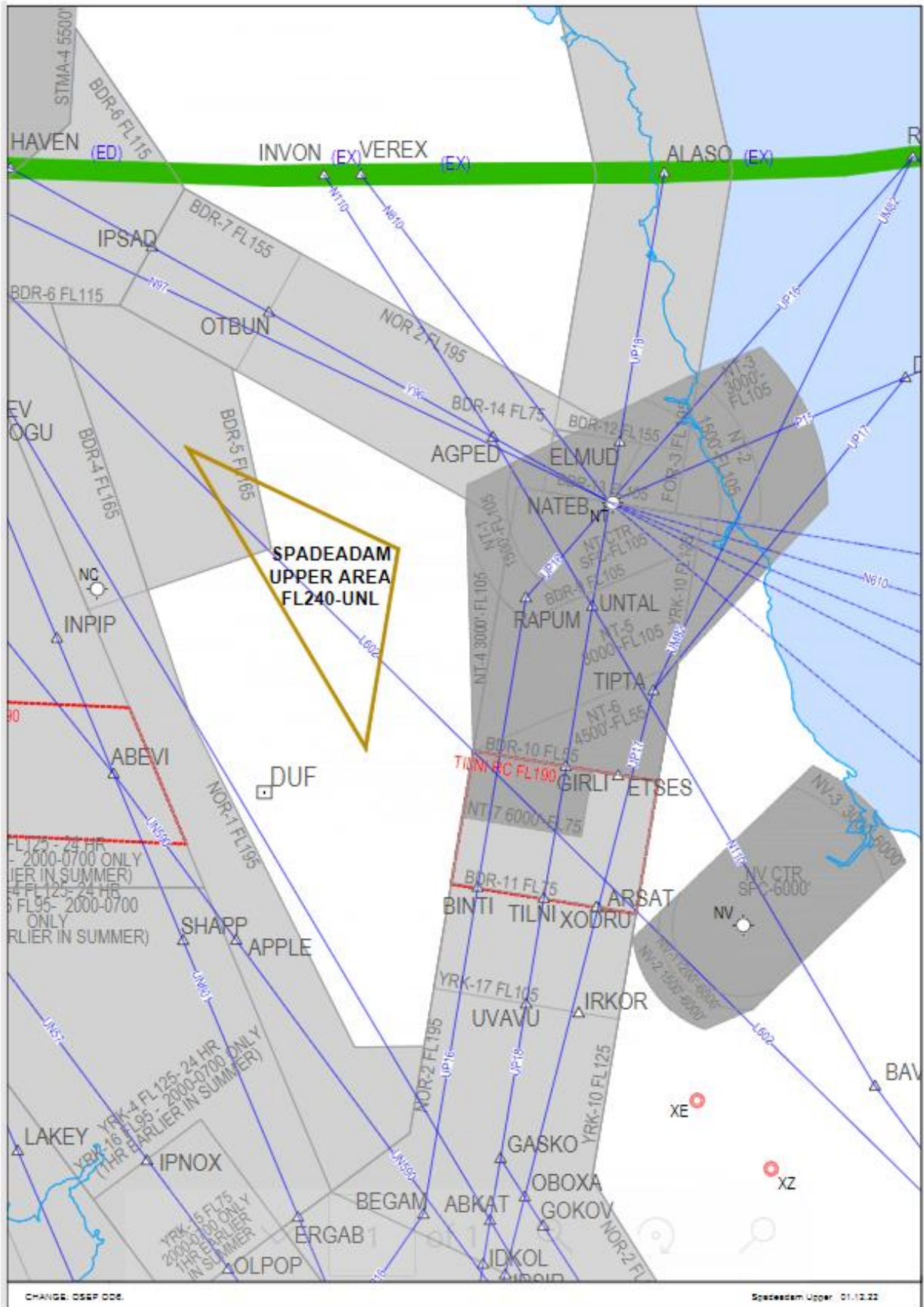
A.5.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace the following shall be undertaken:

A.5.7.2 The Prestwick Operations Supervisor shall endeavour to close the TRA(G) by telephoning Borders Gliding Club (Millfield) and via messages relayed on the appropriate frequency.

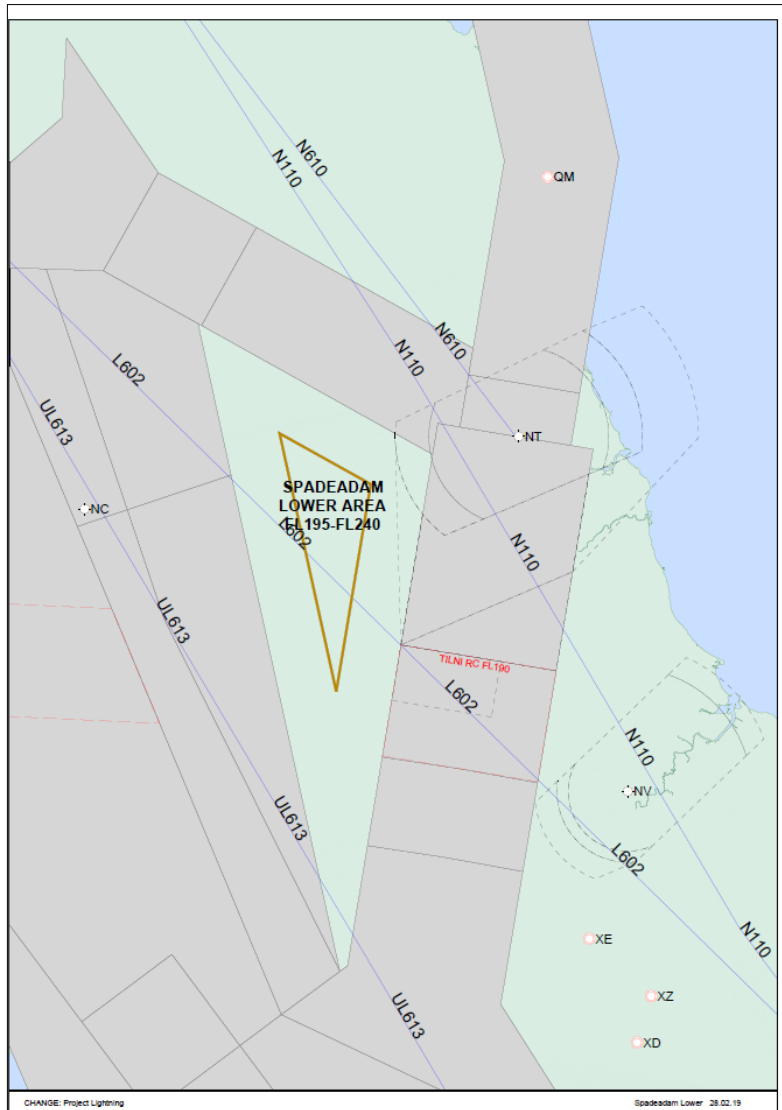
A.6 Spadeadam Upper and Lower Areas

A.6.1 The defined areas are detailed at LoA 2.3 maps depicting the area is shown below.

A.7 Spadeadam Upper Area



A.6.1.2 Spadeadam Lower Area



A.6.2 Eligibility

- A.6.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members, of Northumbria or Eden Gliding Clubs.
- A.6.2.2 Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.6.3 Hours of Operation

- A.6.3.1 Activation of the defined areas is restricted to weekends and published English Public Holidays (daylight hours only).

A.6.4 Notification

- A.6.4.1 Northumbria and Eden Gliding Clubs may request activation of the defined airspace by telephoning the Prestwick Centre Operations Supervisor at least 2 hours prior to the start time of the activity, stating the defined area, a start time, requested upper flight level if appropriate and de-activation time.

- A.6.4.2 If a TRA(G) has been activated and a subsequent request for activation is received from the other club, the Prestwick Centre Operations Supervisor shall inform that club of the current activation period and agreed upper flight level.
- A.6.4.3 On receipt of a request to activate the defined airspace the Prestwick Centre Operations Supervisor shall coordinate the activation with the 78 Sqn (Mil) North Supervisor. If a Basic Service cannot be provided by 78 Sqn (Mil) as per A.6.5.3, approval to operate above FL240 will not be granted.
- A.6.4.4 On agreement to activate one or both defined areas, the 78 Sqn (Mil) North Supervisor shall notify BAE Systems Warton.
- A.6.4.5 If multiple activations of a TRA(G) are approved the Prestwick Centre Operations Supervisor, 78 Sqn (Mil) North Supervisor and BAE Systems Warton Supervisor shall promulgate the TRA(G) activity from the earliest activation to latest notified de-activation time. The TRA(G) will be taken as active within these time periods unless notification has been received by the Prestwick Centre Operations Supervisor of the cessation of activity by both clubs operating in the airspace that day.
- A.6.4.6 The Prestwick Centre Operations Supervisor will notify the 78 Sqn (Mil) West Supervisor of early deactivation of the defined area(s). Should 78 Sqn (Mil) no longer be able to provide a service above FL240, the procedure at A.6.7.2 shall be applied, and the Prestwick Centre Operations Supervisor shall be notified.
- A.6.4.7 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area by other traffic.

A.6.5 Service

- A.6.5.1 Scottish Control (Prestwick) may provide a Basic Service to aircraft operating within the Spadeadam Lower Area subject to workload, on frequency 124.5 MHz.
- A.6.5.2 When operating within Spadeadam Lower Area any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz.
- A.6.5.3 When operating in Spadeadam Upper Area, 78 Sqn (Mil) shall provide a Basic Service in accordance with the UK AIP. 78 Sqn (Mil) will provide the frequency on approval of activation.

A.6.6 Procedures

- A.6.6.1 When the defined airspace is activated, Scottish Control (Prestwick), 78 Sqn (Mil) and BAE Systems Warton shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.
- A.6.6.2 Scottish Control (Prestwick), Sqn (Mil) and BAE Systems Warton shall not allow IFR traffic under a control service to operate within 5nm of the edge of an activated TRA(G).

A.6.7 Emergencies

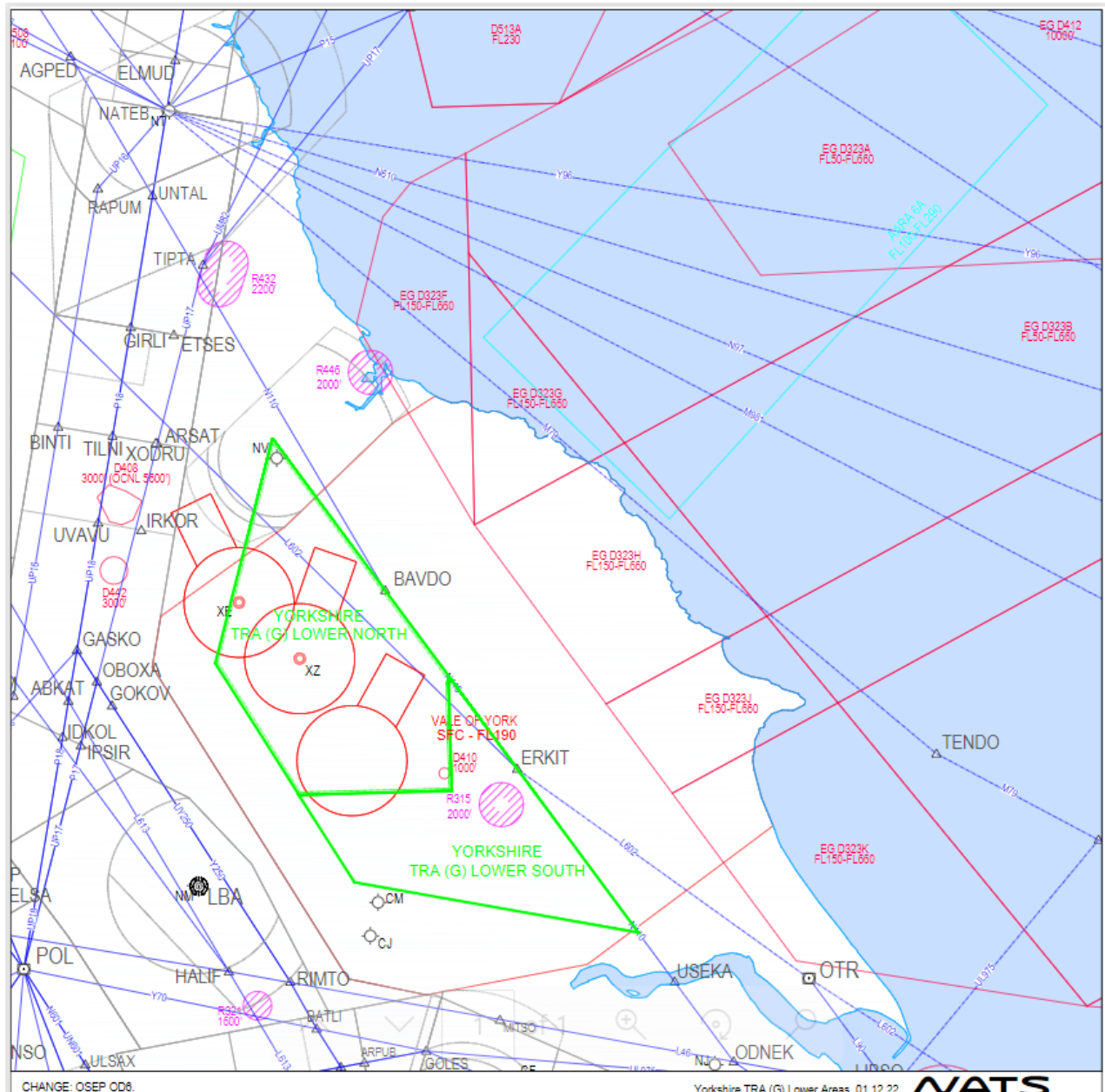
- A.6.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace the following shall be undertaken:

A.6.7.2 The Prestwick Centre Operations Supervisor shall endeavour to close the TRA(G) by telephoning Northumbrian and Eden Gliding Clubs or the 78 Sqn (Mil) West Supervisor and via messages relayed on the appropriate frequency.

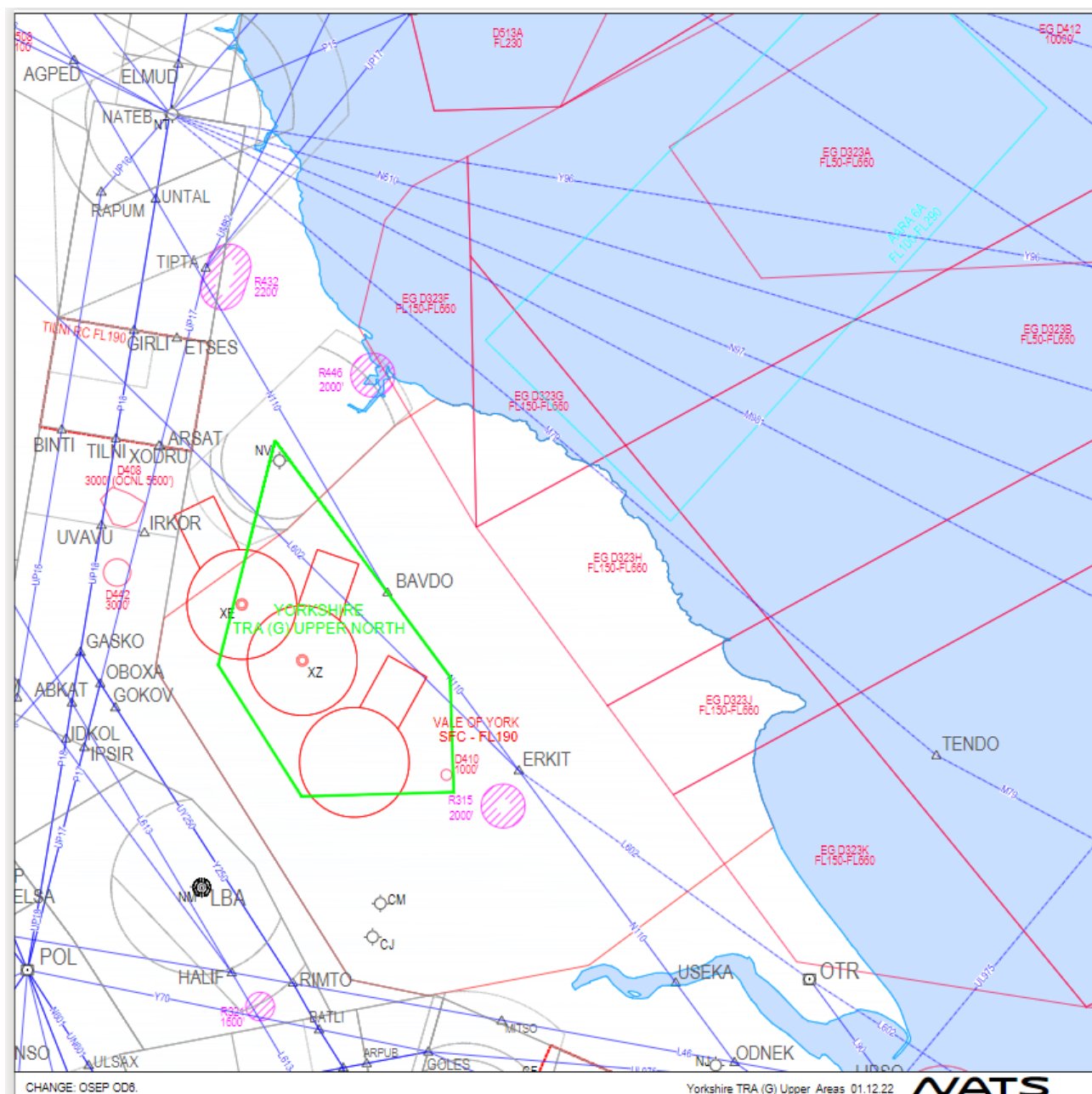
A.7 Yorkshire Areas

A.7.1 The defined areas are detailed at LoA 2.3. Maps depicting the defined areas are shown below.

A.7.1.1 Yorkshire Lower Area North and South



A.7.1.2 Yorkshire Upper Area North



A.7.2 Eligibility

- A.7.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members of York Gliding Centre (Rufforth), The Yorkshire Gliding Club (Sutton Bank), Burn Gliding Club and Wolds Gliding Club (Pocklington).
- A.7.2.2 Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.7.3 Hours of Operation

- A.7.3.1 Activation of the defined areas is restricted to weekends and published English Public Holidays (daylight hours only).

A.7.4 Notification

- A.7.4.1 Any of the clubs listed at A.7.2.1 may request activation of the defined airspace by telephoning the Prestwick Centre Operations Supervisor at least 2 hours prior to the start time of the activity, stating the defined area, a start time, requested upper flight level if appropriate and de-activation time.
- A.7.4.2 If a TRA(G) has been activated and a subsequent request for activation is received from another club, the Prestwick Centre Operations Supervisor shall inform that club of the current activation period and agreed upper flight level.
- A.7.4.3 On receipt of a request to activate the defined airspace the Prestwick Centre Operations Supervisor shall coordinate the activation with the 78 Sqn (Mil) East Supervisor. If a Basic Service cannot be provided by 78 Sqn (Mil) as per A.7.5.3, approval to operate above FL240 will not be granted.
- A.7.4.4 On agreement to activate any or all of the defined areas, the 78 Sqn (Mil) North Supervisor shall notify BAE Systems Warton.
- A.7.4.5 If multiple activations of a TRA(G) are approved, the Prestwick Centre Operations Supervisor, 78 Sqn (Mil) North Supervisor and the BAE Systems Warton Supervisor shall promulgate the TRA(G) activity from the earliest activation to the latest notified deactivation time. The TRA(G) will be taken as active within these time periods unless notification has been received by the Prestwick Centre Operations Supervisor of the cessation of activity by both clubs operating in the airspace that day.
- A.7.4.6 The Prestwick Centre Operations Supervisor will notify the 78 Sqn (Mil) East Supervisor of early deactivation of the defined area(s). Should 78 Sqn (Mil) no longer be able to provide a service above FL240, the procedure at A.7.7.2 shall be applied, and the Prestwick Centre Operations Supervisor shall be notified.
- A.7.4.7 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area by other traffic.

A.7.5 Service

- A.7.5.1 Scottish Control (Prestwick) may provide a Basic Service to aircraft operating within Yorkshire Lower North and South Areas subject to workload, on frequency 133.8 MHz. A Basic Service may also be available from 78 Sqn (Mil) subject to workload. 78 Sqn (Mil) will provide a frequency, if required, on approval of activation.
- A.7.5.2 When operating within Yorkshire Lower North and South Areas any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz.
- A.7.5.3 When operating in the Yorkshire Upper Area, 78 Sqn (Mil) shall provide a Basic Service in accordance with the UK AIP. 78 Sqn (Mil) will provide the frequency on approval of activation.

A.7.6 Procedures

- A.7.6.1 When the defined airspace is activated, Scottish Control (Prestwick), 78 Sqn (Mil) and BAE Systems Warton shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.

A.7.6.2 Scottish Control (Prestwick), 78 Sqn (Mil) and BAE Systems Warton shall not allow IFR traffic under a control service to operate within 5nm of the edge of an activated TRA(G).

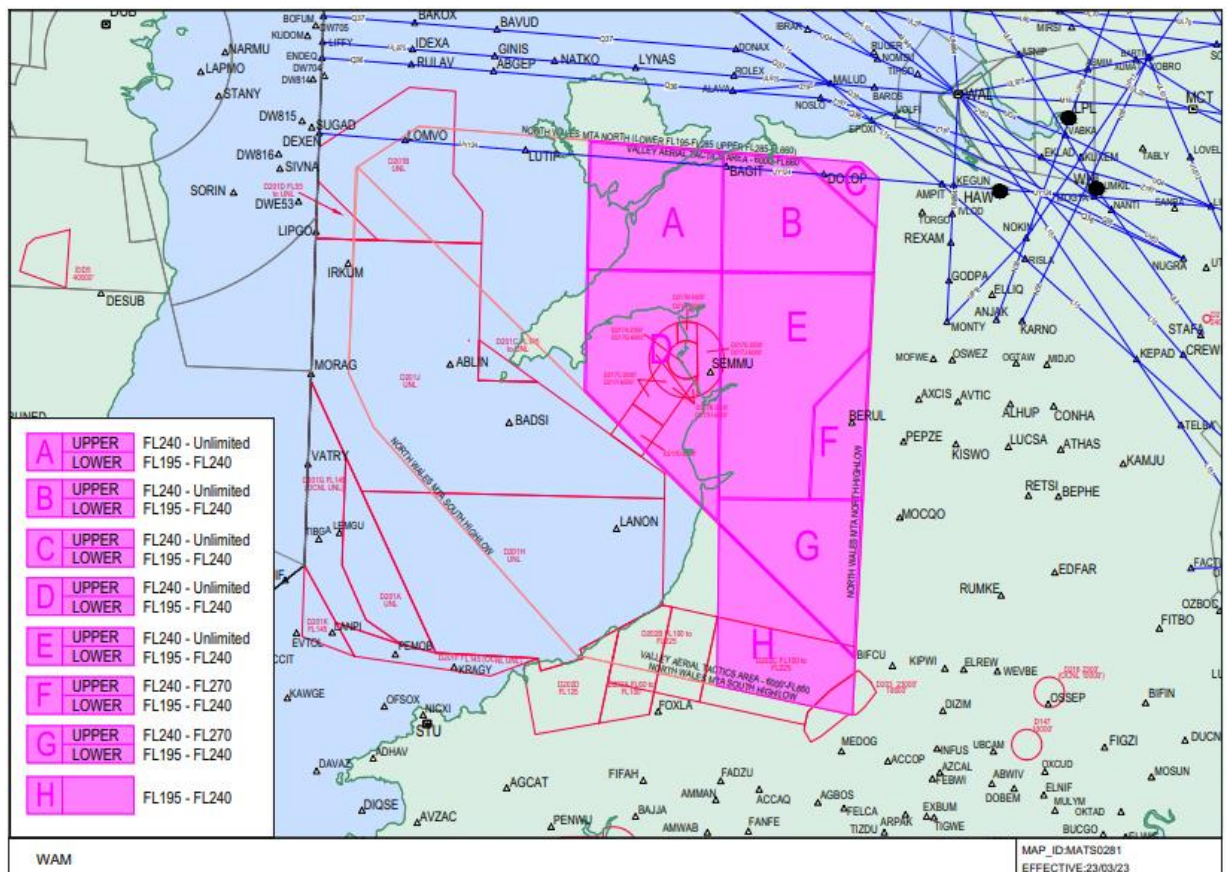
A.7.7 Emergencies

A.7.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace the following shall be undertaken:

A.7.7.2 The Prestwick Centre Operations Supervisor shall endeavour to close the TRA(G) by telephoning the appropriate club(s) and 78 Sqn (Mil) North Supervisor and via messages relayed on the appropriate frequency.

A.8 Welsh Areas

A.8.1 The defined areas are detailed at 2.3. A map depicting the defined areas is shown below.



A.8.2 Eligibility

A.8.2.1 Pilots utilising the procedures in this LoA must be members, or affiliated members, of Denbigh Gliding, North Wales Gliding Club, Shropshire Soaring Group, Midland Gliding Club, Herefordshire Gliding Club, Black Mountain Gliding Club, RAF Shawbury Gliding Club or South Wales Gliding Club.

A.8.2.2 Failure of an organisation to comply with the conditions specified in this LoA may result in withdrawal of the privileges of the LoA.

A.8.3 Hours of Operation

A.8.3.1 Activation of the defined areas is restricted to weekends and published English Public Holidays (daylight hours only).

A.8.4 Notification

- A.8.4.1 Any of the clubs listed at A.8.2.1 may request activation of the defined airspace by telephoning the 78 Sqn (Mil) West Supervisor at least 2 hours prior to the start time of the activity, stating the defined area, a start time, requested upper flight level if appropriate and de-activation time. If a Basic Service cannot be provided by 78 Sqn (Mil) as per A.8.5.3, approval to operate above FL240 will not be granted.
- A.8.4.2 On receipt of a request to activate the defined area(s) the 78 Sqn (Mil) West Supervisor shall coordinate the activation with the London Control (Swanwick) Group Supervisor West (GS W) who will liaise with Group Supervisor Lakes (GS Lakes) and the Prestwick Centre Operations Supervisor. The Prestwick Centre Operations Supervisor requires a minimum of 90 minutes notice of the activation time. GS W will advise the 78 Sqn (Mil) West Supervisor whether the activation is endorsed by civil ATC or not.
- A.8.4.3 The 78 Sqn (Mil) West Supervisor shall advise the requesting Gliding Club Duty pilot of the agreed activity and conditions and then shall notify BAE Systems Warton of the agreed activity, de-activity and conditions of the defined areas.
- A.8.4.4 The Swanwick Operations Supervisor is responsible for ensuring a NOTAM is issued.
- A.8.4.5 Any activation refusal shall be advised to the requesting Gliding Club Duty Pilot and the reason recorded in the electronic log by the GS W.
- A.8.4.6 TRA(G) activity may be refused when the North Wales Military Training Area (NWMTA) is active.
- A.8.4.7 If a TRA(G) has been activated and a subsequent request for activation is received from another club, the 78 Sqn (Mil) West Supervisor shall inform that club of the current activation period and agreed upper flight level.
- A.8.4.8 If multiple activations of a TRA(G) are approved; the Swanwick Operations Supervisor, Prestwick Centre Operations Supervisor, 78 Sqn (Mil) West Supervisor and BAE Systems Warton Supervisor shall promulgate the TRA(G) activity from the earliest activation to latest notified de-activation time. The TRA(G) will be taken as active within these time periods unless notification has been received by the 78 Sqn (Mil) West Supervisor of the cessation of activity by ALL clubs operating in the airspace that day.
- A.8.4.9 The 78 Sqn (Mil) West Supervisor shall notify BAE Systems Warton and the Swanwick Operations Supervisor, who shall notify Prestwick centre Operations Supervisor, of early deactivation of the defined area(s). Should 78 Sqn (Mil) no longer be able to provide a service above FL240, the procedure at A.8.7.2 shall be applied, and BAE Systems Warton and the Swanwick Operations Supervisor shall be notified. The Swanwick Operations Supervisor shall notify the Prestwick Centre Operations Supervisor.

A.8.4.10 Activation of a TRA(G) for glider activity does not preclude VFR operations within that area by other traffic.

A.8.5 Service

A.8.5.1 78 Sqn (Mil) may provide a Basic Service to aircraft operating within Welsh Lower defined areas, subject to workload, on frequency 133.9MHz.

A.8.5.2 When operating within Welsh Lower defined areas any glider pilot not accepting a Basic Service shall monitor frequency 130.105MHz.

A.8.5.3 When operating in the Welsh Upper defined areas, 78 Sqn (Mil) shall provide a Basic Service in accordance with the UK AIP. 78 Sqn (Mil) will provide the frequency on approval of activation.

A.8.6 Procedures

A.8.6.1 When the defined area(s) is activated, London Control (Swanwick), Scottish Control (Prestwick), 78 Sqn (Mil) and BAE Systems Warton shall not allow IFR traffic to transit the active TRA(G) at or below the levels reserved for gliding activity.

A.8.6.2 London Control (Swanwick), Scottish Control (Prestwick), 78 Sqn (Mil) and BAE Systems Warton shall not allow IFR traffic under a control service to operate within 5nm of the edge of an activated TRA(G).

A.8.6.3 Gliding Areas A, B and C are not separated from ATS Route (U)Y124 at FL200 and above.

A.8.7 Emergencies

A.8.7.1 If, due to an emergency situation, IFR traffic needs to transit the defined airspace the following shall be undertaken:

A.8.7.2 The 78 Sqn (Mil) West Supervisor shall endeavour to close the TRA(G) by telephoning the appropriate club(s) and via messages relayed on the appropriate frequency.

ANNEX B

TELEPHONE COMMUNICATIONS

Effective: 24/02/2022

Organisation	Telephone Number
Prestwick Centre Operations Supervisor	01294 655300
London Control (Swanwick) GS West	01489 612413
London Control (Swanwick) GS Lakes	01489 612414
London Control (Swanwick) Operations Supervisor	01489 612420
78 Sqn (Mil) North Supervisor	01489 612943
78 Sqn (Mil) West Supervisor	01489 612417
78 Sqn (Mil) East Supervisor	01489 612408
BAE Systems Warton	01772 852392
Black Mountain Gliding Club	01874 711463
Borders Gliding Club (Millfield)	01668 216284
Burn GC Launch Point Mobile	07712 467401
Burn Gliding Club House	01757 270296
Cairngorm Gliding Club Feshiebridge	01540 651317
Deeside Gliding Club (Aboyne)	01339 885339
Denbigh Gliding	01745 817431
Eden Gliding Club	07849 979575
Herefordshire Gliding Club	TBA at time of activation
Highland Gliding Club (Easterton)	01343 860272
Midland Gliding Club	TBA at time of activation
North Wales Gliding Club	TBA at time of activation
Northumbria Gliding Club	01207 561286
RAF Shawbury Gliding Club	07384 724985
Scottish Gliding Centre (Portmoak)	01592 840543
Shropshire Soaring Group	01939 232882
South Wales Gliding Club	01291 690536
Ulster Gliding Club	02890 361885
Wolds Gliding Club (Pocklington)	01759 303579
York Gliding Centre (Rufforth)	01904 738694
Yorkshire Gliding Club (Sutton Bank)	01845 597237

ANNEX C

ACRONYMS AND DEFINITIONS

Effective: 24/02/2022

ACRONYM	DEFINITION
FRA	Free Route Airspace
GAT	General Air Traffic All flights conducted in accordance with the rules and procedures of ICAO and/or the national civil aviation regulations and legislation. <i>Note. GAT can include military flights for which ICAO rules and procedures satisfy entirely their operational requirements.</i>
IFR	IFR means the symbol used to designate the instrument flight rules
OAT	Operational Air Traffic All flights which do not comply with the provisions stated for GAT and for which rules and procedures have been specified by appropriate authorities. <i>Note. OAT can include civil flights such as test-flights, which require some deviation from ICAO rules to satisfy their operational requirements.</i>
TRA(G)	Temporary Reserved Area (Gliding)
VFR	VFR means the symbol used to designate the visual flight rules

ANNEX D
CHECKLIST

Effective: 23/03/2023

SECTION	EFFECTIVE DATE	REVIEW DUE BY
Front Part	30/08/2021	30/08/2023
Annex A	23/03/2023	30/08/2023
Annex B	24/02/2022	30/08/2023
Annex C	24/02/2022	30/08/2023
Annex D	23/03/2023	30/08/2023



NATS