

**ENR2.1 FIR, UIR, TMA AND CTA**

<p>TAY CTA 10                      571940N 0020701W -                      563050N 0014817W -                      562848N 0020556W -                      570627N 0022037W -                      571437N 0020959W -                      571838N 0021602W -                      571940N 0020701W                      Upper limit: FL195                      Lower limit: FL115                      Class: D</p>	<p>SCOTTISH ACC</p>	<p>SCOTTISH CONTROL                      English                      See remarks for hours.</p>	<p>124.500</p>	<p>Part of ATS Route P18 is contained within the CTA.</p> <p>Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800). Additionally available overnight, May-Sep, Mon-Thu (1900-0900). (See GEN 2.1, para 6 for Scottish public holidays). The airspace is not available for use during these periods when MoD require access to the airspace as specified by NOTAM.</p> <p>To operate UAS within this area, UAS operators are required to notify NATS via the NATS Non-Standard Flight (NSF) Portal. UAS operators are required to notify NATS at least 14 days before the date of each activity.</p>
<p>TAY CTA 11                      570417N 0014929W -                      565044N 0015237W -                      564809N 0021455W -                      565507N 0021952W -                      565533N 0020635W thence                      anti-clockwise by the arc of                      a circle                      radius 10 NM centred                      on 570531N 0020740W to -                      570417N 0014929W                      Upper limit: FL115                      Lower limit: 4500 FT ALT</p>	<p>SCOTTISH ACC</p>	<p>SCOTTISH CONTROL                      English                      See remarks for hours.</p>	<p>124.500</p>	<p>Part of ATS Route P18 is contained within the CTA.</p> <p>Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800). Additionally available overnight, May-Sep, Mon-Thu (1900-0900). (See GEN 2.1, para 6 for Scottish public holidays). The airspace is not available for use during</p>

Class: D				<p>these periods when MoD require access to the airspace as specified by NOTAM.</p> <p>To operate UAS within this area, UAS operators are required to notify NATS via the NATS Non-Standard Flight (NSF) Portal. UAS operators are required to notify NATS at least 14 days before the date of each activity.</p>
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<p>TAY CTA 12  565044N 0015237W -  564530N 0015349W -  564036N 0015158W -  563833N 0020942W -  564326N 0021135W -  564809N 0021455W -  565044N 0015237W  Upper limit: FL115  Lower limit: FL75  Class: D</p>	SCOTTISH ACC	<p>SCOTTISH CONTROL  English  See remarks for hours.</p>	124.500	<p>Part of ATS Route P18 is contained within the CTA.</p> <p>Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800). Additionally available overnight, May-Sep, Mon-Thu (1900-0900). (See GEN 2.1, para 6 for Scottish public holidays). The airspace is not available for use during these periods when MoD require access to the airspace as specified by NOTAM.</p> <p>To operate UAS within this area, UAS operators are required to notify NATS via the NATS Non-Standard Flight (NSF) Portal. UAS operators are required to notify NATS at least 14 days before the date of each activity.</p>
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<p>TAY CTA 13  563050N 0014817W -  561343N 0014155W -  561143N 0015927W -  562848N 0020556W -  563050N 0014817W  Upper limit: FL195  Lower limit: FL135  Class: D</p>	<p>SCOTTISH ACC</p>	<p>SCOTTISH CONTROL  English  See remarks for hours.</p>	<p>124.500</p>	<p>Part of ATS Route P18 is contained within the CTA.</p> <p>Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800). Additionally available overnight, May-Sep, Mon-Thu (1900-0900). (See GEN 2.1, para 6 for Scottish public holidays). The airspace is not available for use during these periods when MoD require access to the airspace as specified by NOTAM.</p> <p>To operate UAS within this area, UAS operators are required to notify NATS via the NATS Non-Standard Flight (NSF) Portal. UAS operators are required to notify NATS at least 14 days before the date of each activity.</p>
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<p>BORDERS CTA 12  561343N 0014155W -  552653N 0012457W -  550601N 0013151W -  550751N 0014858W -  552647N 0014250W -  561143N 0015927W -  561343N 0014155W  Upper limit: FL195  Lower limit: FL155  Class: D</p>	<p>SCOTTISH ACC</p>	<p>SCOTTISH CONTROL  English  See remarks for hours.</p>	<p>124.500</p>	<p>Part of ATS Route P18 is contained within the CTA.</p> <p>Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800). Additionally available overnight, May-Sep, Mon-Thu (1900-0900). (See GEN 2.1, para 6 for Scottish public holidays). The airspace is not available for use during these periods when MoD require access to the airspace as specified by NOTAM.</p>
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				To operate UAS within this area, UAS operators are required to notify NATS via the NATS Non-Standard Flight (NSF) Portal. UAS operators are required to notify NATS at least 14 days before the date of each activity.
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BORDERS CTA 13 550751N 0014858W - 550601N 0013151W - 550123N 0013322W - 550313N 0015027W - 550751N 0014858W Upper limit: FL195 Lower limit: FL105 Class: D	SCOTTISH ACC	SCOTTISH CONTROL English See remarks for hours.	124.500	Part of ATS Route P18 is contained within the CTA.  Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800). Additionally available overnight, May-Sep, Mon-Thu (1900-0900). (See GEN 2.1, para 6 for Scottish public holidays). The airspace is not available for use during these periods when MoD require access to the airspace as specified by NOTAM.  To operate UAS within this area, UAS operators are required to notify NATS via the NATS Non-Standard Flight (NSF) Portal. UAS operators are required to notify NATS at least 14 days before the date of each activity.
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BORDERS CTA 14 550751N 0014858W - 550733N 0014613W - 550643N 0014919W - 550751N 0014858W Upper limit: FL105	SCOTTISH ACC	SCOTTISH CONTROL English See remarks for hours.	124.500	Tuesday-Friday 0530-0900 (0430-0800) and from 1500 (1400) on Friday or the day preceding a public holiday to 1000 (0900) Monday or the day following a public holiday.
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<p>Lower limit: FL75 Class: D</p>				<p>Additionally available overnight, May-September, Monday-Thursday 1900-0900. (see GEN 2-1-2, para 6 for Scottish public holidays). The airspace is not available for use during these periods, or, when MoD require access to the airspace as specified by NOTAM.</p> <p>To operate UAS within this area, UAS operators are required to notify NATS via the NATS Non-Standard Flight (NSF) Portal. UAS operators are required to notify NATS at least 14 days before the date of each activity.</p>
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<p>FORTH CTA 3 571542N 0020528W - 552653N 0012457W - 550123N 0013322W - 550218N 0014154W - 550637N 0013731W - 551011N 0014813W - 552647N 0014250W - 570627N 0022037W - 571437N 0020959W - 571542N 0020528W Upper limit: FL245 Lower limit: FL195 Class: C</p>	<p>SCOTTISH ACC</p>	<p>SCOTTISH CONTROL English See remarks for hours.</p>	<p>124.500</p>	<p>Part of ATS Route P18 is incorporated within this CTA.</p> <p>This CTA is only established between the following times: Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800). Additionally available overnight, May-Sep, Mon-Thu (1900-0900). The airspace is not available for use during these periods when MoD require access to the airspace as specified by NOTAM.</p>
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## **ENR3.2 AREA NAVIGATION ROUTES**

**P15**

Route Remarks:

CDR H24

Point/Segment Remarks:

(1)

Eastbound route only.  
Extremity of P15.

(2)

Class C.

Scottish ACC

Freq: 126.930 (FL 255 and above);

Freq: 124.500 (Below FL 255).

(3)

Class C.

Scottish ACC

Freq: 134.775 (All Levels).

(4)

Class C.

Scottish ACC

Freq: 134.775 (All Levels).

(5)

FRA Entry Point.

Extremity of P15.

**P18**

Route Remarks:

NATEB - ADN CDR Fri (or the day preceding a PH) 1500 (1400) to Mon (or the day following a PH) 1000 (0900); Tue-Fri 0530-0900 (0430-0800).  
May-Sep, Mon-Thu 1900-0900. Unavailable for Flight Planning at all other times. Other times as specified by NOTAM.

Rest of P18 - PERM.

Due to ATC operational requirements, the cruising level allocation between TELBA and ALASO is inappropriate to the MAG Track.

Point/Segment Remarks:

(1)

Extremity of P18.

(2)

FL 245/FL 195 Class C,  
FL 195/FL 145 Class A.

London ACC

Freq: 134.390 (FL 195 and above).

Scottish ACC

Freq: 134.430 (Below FL 195).

(3)

Intersection with L8.

(4)

FL 245/FL 195 Class C,  
FL 195/FL 85 Class A.

Scottish ACC

Freq: 118.780 (FL 195 and above);

Freq: 134.430 (Below FL 195).

(5)

Intersection with N859.

(6)

FL 245/FL 195 Class C,  
FL 195/FL 85 Class A.

Scottish ACC

Freq: 118.780 (FL 195 and above);

Freq: 134.430 (Below FL 195).

(7)

Intersection with L612.

(8)

FL 245/FL 195 Class C,  
FL 195/FL 85 Class A.

Between LISTO and abm MCT:

Scottish ACC

Freq: 118.780 (FL 195 and above);

Freq: 134.430 (Below FL 195).

Between abm MCT and POL:



Scottish ACC  
Freq: 118.780 (FL 195 and above);  
Freq: 135.715 (Below FL 195).  
(9)  
Intersection with N57 and P17.  
(10)  
FL 245/FL 195 Class C,  
FL 195/FL 95 Class A.

Scottish ACC  
Freq: 118.780 (FL 195 and above);  
Freq: 135.715 (Below FL 195).  
(11)  
FL 245/FL 195 Class C,  
FL 195/FL 125 Class A.

Scottish ACC  
Freq: 133.800 (All Levels).  
(12)  
FL 245/FL 195 Class C,  
FL 195/FL 125 Class A.

Scottish ACC  
Freq: 133.800 (All Levels).  
(13)  
Intersection with P16 and Y250.  
(14)  
FL 245/FL 195 Class C,  
FL 195/FL 125 Class A.

Scottish ACC  
Freq: 133.800.  
(15)  
FL 245/FL 195 Class C,  
FL 195/FL 125 Class A,  
FL 125/FL 105 Class D.

Scottish ACC  
Freq: 124.500 (FL 225 and above);  
Freq: 133.800 (Below FL 225 to FL 165);  
Newcastle Approach  
Freq: 124.380 (Below FL 165).  
(16)  
FL 245/FL 195 Class C,  
FL 195/FL 125 Class A,  
FL 125/FL 75 Class D.

Scottish ACC  
Freq: 124.500 (FL 225 and above);  
Freq: 133.800 (Below FL 225 to FL 165);  
Newcastle Approach  
Freq: 124.380 (Below FL 165).

(17)

FL 245/FL 195 Class C,  
FL 195/FL 125 Class A,  
FL 125/FL 55 Class D.

Scottish ACC

Freq: 124.500 (FL 225 and above);  
Freq: 133.800 (Below FL 225 to FL 165);  
Newcastle Approach  
Freq: 124.380 (Below FL 165).

(18)

Intersection with Y96.

(19)

FL 245/FL 195 Class C,  
FL 195/FL 75 Class D.

Scottish ACC

Freq: 124.500 (All Levels).

(20)

FL 245/FL 195 Class C,  
FL 195/FL 155 Class D.

Scottish ACC

Freq: 124.500 (All Levels).

(21)

FL 255/FL 195 Class C,  
FL 195/FL 155 Class D.

Scottish ACC

Freq: 124.500 (All Levels).

(22)

FL 255/FL 195 Class C,  
FL 195/FL 155 Class D.

Scottish ACC

Freq: 124.500 (All Levels).

(23)

FL 255/FL 195 Class C,  
FL 195/FL 155 Class D.

Scottish ACC

Freq: 124.500 (All Levels).

(24)

FL 255/FL 195 Class C,  
FL 195/FL 135 Class D.

Scottish ACC

Freq: 124.500 (All Levels).

(25)

FL 255/FL 195 Class C,  
FL 195/FL 115 Class D.

Scottish ACC  
Freq: 124.500 (All Levels).  
(26)  
FL 255/FL 195 Class C,  
FL 195/FL 75 Class D.

Scottish ACC  
Freq: 124.500 (All Levels).  
(27)  
FL 255/FL 195 Class C,  
FL 195/FL 65 Class D.

Scottish ACC  
Freq: 124.500 (All Levels).  
(28)  
FL 255/FL 195 Class C,  
FL 195/FL 115 Class D.

Scottish ACC  
Freq: 124.500 (All Levels).  
(29)  
Extremity of P18.

#### **UP17**

Route Remarks:

Due to ATC operational requirements, the cruising level allocation between NOKIN and POL is inappropriate to the MAG Track.

TIPTA – DIGBI CDR H24 Remainder of Route Perm

Point/Segment Remarks:

(1)  
Extremity of UP17.  
Intersection with N862.  
(2)  
Class C.

London ACC  
Freq: 132.860 (FL 335 and above);  
Freq: 135.580 (Below FL 335 to FL 285).  
Scottish ACC  
Freq: 118.780 (Below FL 285).  
(3)  
Class C.

London ACC  
Freq: 132.860 (FL 335 and above);  
Freq: 135.580 (Below FL 335 to FL 285).  
Scottish ACC  
Freq: 118.780 (Below FL 285).  
(4)

Northbound route only btn BARTN and DIGBI.

(5)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 135.580 (Below FL 335 to FL 285).

Scottish ACC

Freq: 118.780 (Below FL 285).

(6)

Intersection with UN601 and UP18.

(7)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 118.780 (Below FL 285).

(8)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 118.780 (Below FL 285).

(9)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 133.800 (Below FL 285).

(10)

Class C.

Scottish ACC

Freq: 126.930 (FL 285 and above);

Freq: 133.800 (Below FL 285).

(11)

Intersection with UM82.

(12)

Class C.

Scottish ACC

Freq: 126.930 (FL 255 and above);

Freq: 124.500 (Below FL 255).

(13)

Extremity of UP17.

Intersection with P15.

## UM82

### Route Remarks:

CDR H24

### Point/Segment Remarks:

(1)

Eastbound route only.  
Extremity of UM82.

(2)

Class C.

Scottish ACC

Freq: 126.930 (FL 255 and above);

Freq: 124.500 (Below FL 255).

(3)

FRA Entry Point.

Extremity of UM82.

## UP18

### Route Remarks:

Due to operational requirements, cruising levels are inappropriate to the MAG TR btn POL and ALASO.

Btn POL and ALASO only avbl for EGPD arrivals when UK Flight Information Services below FL 245 are avbl on request from Swanwick Military or during hours of availability of P18.

NATEB – ALASO CDR H24 Remainder of Route Perm

### Point/Segment Remarks:

(1)

Extremity of UP18.

(2)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 133.800 (Below FL 285).

(3)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 133.800 (Below FL 285).

(4)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285);

Scottish ACC

Freq: 133.800 (Below FL 285).

(5)

Intersection with UY250.

(6)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285);

Scottish ACC

Freq: 133.800 (Below FL 285).

(7)

Class C.

Scottish ACC

Freq: 126.930 (FL 285 and above);

Freq: 133.800 (Below FL 285).

(8)

Class C.

Scottish ACC

Freq: 126.930 (FL 255 and above);

Freq: 124.500 (Below FL 255).

(9)

Class C.

Scottish ACC

Freq: 126.930 (FL 255 and above);

Freq: 124.500 (Below FL 255).

(10)

Intersection with N110.

(11)

Class C.

Scottish ACC

freq: 126.930 (FL255 and above);

Freq: 124.500 (Below FL255).

(12)

Intersection with L602 and P15.

(13)

Class C.

Scottish ACC

Freq: 126.930 (FL 255 and above);

Freq: 124.500 (Below FL 255).

(14)

Class C.

Scottish ACC

Freq: 126.930 (FL 255 and above);

Freq: 124.500 (Below FL 255).

(15)

FRA Entry/Exit Point.

Extremity of UP18.

## **N110**

### Route Remarks:

AGPED – INVON CDR H24 Remainder of Route Perm

### Point/Segment Remarks:

(1)

Extremity of N110.

Intersection with L603.

(2)

Class C.

London ACC

Freq: 126.780 (FL 335 and above);

Freq: 128.130 (Below FL 335 to FL 285);

Scottish ACC

Freq: 133.800 (Below FL 285).

(3)

Intersection with Y70.

(4)

Class C.

London ACC

Freq: 126.780 (FL 335 and above);

Freq: 128.130 (Below FL 335 to FL 285);

Scottish ACC

Freq: 133.800 (Below FL 285).

(5)

Intersection with L46.

(6)

Class C.

London ACC

Freq: 126.780 (FL 335 and above);

Freq: 128.130 (Below FL 335 to FL 285);

Scottish ACC

Freq: 133.800 (Below FL 285).

(7)

Class C.

London ACC

Freq: 126.780 (FL 335 and above);

Freq: 128.130 (Below FL 335 to FL 285);  
Scottish ACC  
Freq: 133.800 (Below FL 285).  
(8)  
Intersection with L602.  
(9)  
Class C.

Scottish ACC  
Freq: 126.925 (FL 285 and above);  
Freq: 133.800 (Below FL 285).  
(10)  
Class C.

Scottish ACC  
Freq: 126.925 (FL 255 and above);  
Freq: 124.500 (Below FL 255).  
(11)  
Intersection with UP18.  
(12)  
Class C.

Scottish ACC  
Freq: 126.925 (FL 255 and above);  
Freq: 124.500 (Below FL 255).  
(13)  
Intersection with Y96.  
(14)  
Class C.

Scottish ACC  
Freq: 126.925 (FL 255 and above);  
Freq: 124.500 (Below FL 255).  
(15)  
FRA Entry/Exit Point.  
Extremity of N110.

## **N610**

Route Remarks:  
CDR H24

Point/Segment Remarks:  
(1)  
UIR Boundary.  
Extremity of N610.  
Intersection with UL7 (see AIP Netherlands).  
(2)  
Class C.

Between LONAM and abm BAVDO:



Scottish ACC  
Freq: 121.325 (All Levels).

Between abm BAVDO and NATEB:  
Scottish ACC  
Freq: 126.930 (FL 255 and above);  
Freq: 124.500 (Below FL 255).  
(3)  
Intersection with L602 and N97.  
(4)  
Class C.

Scottish ACC  
Freq: 126.930 (FL 255 and above);  
Freq: 124.500 (Below FL 255).  
(5)  
FRA Entry/Exit Point.  
Extremity of N610.

#### **UP16**

Route Remarks:

Due to ATC operational requirements, the cruising level allocation between MONTY and BEGAM is inappropriate to the MAG Track.  
NATEB – ROBEM CDR H24 Remainder of Route Perm

Point/Segment Remarks:

(1)  
FRA Exit Point.  
Northbound route only btn MONTY and NOKIN.  
Extremity of UP16.  
(2)  
Class C.

London ACC  
Freq: 132.860 (FL 335 and above);  
Freq: 135.580 (Below FL 335 to FL 285).  
Scottish ACC  
Freq: 118.780 (Below FL 285).  
(3)  
Intersection with N862 and UP17.  
(4)  
Class C.

London ACC  
Freq: 132.860 (FL 335 and above);  
Freq: 135.580 (Below FL 335 to FL 285).  
Scottish ACC  
Freq: 118.780 (Below FL 285).  
(5)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 135.580 (Below FL 335 to FL 285).

Scottish ACC

Freq: 118.780 (Below FL 285).

(6)

Intersection with Y70 and UL612.

(7)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 118.780 (Below FL 285).

(8)

Southbound route only btn ROBEM and RIBEL.

Intersection with UN601.

(9)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 118.780 (Below FL 285).

(10)

Class C.

London ACC

Freq: 132.860 (FL 335 and above);

Freq: 133.705 (Below FL 335 to FL 285).

Scottish ACC

Freq: 118.780 (Below FL 285).

(11)

Class C.

Scottish ACC

Freq: 126.930 (All Levels).

(12)

Class C.

Scottish ACC

Freq: 126.930 (All Levels).

(13)

Intersection with UP18.

(14)

Class C.

Scottish ACC  
Freq: 126.930 (All Levels).  
(15)  
FRA Exit Point.  
Extremity of UP16.

**ENR 4.4 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS**

Name-code designator	Co-ordinates	ATS route or other route	FRA Relevance	Remarks / Usage
1	2	3	4	5
EXAMPLE :ABBEW	503011.88N 0032833.64W	N90 , N864	A	
TOWTE	544421.52N 0004001.72W		N/A	
ANMAZ	543321.61N 0000810.62E		N/A	
IDDEC	542803.59N 0000324.39E		N/A	
OFCOT	570253.47N 0024733.79W		FRA: (I)	
BAZNA	541110.60N 0012655.93E		N/A	
ABKIM	505043N 0015858W	L620		

Charts ENR 6

ENR 6-7 Revise notes 10 and 12 in line with in line ENR 2.2 text.

ENR 6-8 Revise note 3 in line with in line ENR 2.2 text.

ENR 6-14 Revise chart to include new Danger Area.

ENR 6-25 Revise chart to include new Danger Area.

ENR 6-37 Revise chart to include new Danger Area.

ENR 6-70 Revise upper routes in line with CDR status.

ENR 6-75 Revise chart to include new Danger Area