

ENR 3 ATS ROUTES

ENR 3.1 ATS ROUTES (INTERNATIONAL and DOMESTIC)

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) DIST(COP)	Upper Limits Lower Limits MFA Airspace Classification	Lateral Limits (NM)	Direction of Cursing Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
L507						
▲ AVPOP 221809N 0890050E ▲ ESDOT 212045 N 0903250E	124° 304° 103 NM	FL 460 FL 280 ALT 4000 FT Class B	RNP10			The route has been delegated to Kolkata ACC/FIC for ATS purpose only. Kolkata ACC 120.575/132.25 MHz
A 201						
▲ VOR AAT 235322.4N0911423E		FL460/FL 265 ALT 2000 FT				Airway Minimum cruising Level FL 270 due to military training area (VGR 5) Dhaka ACC 126.7/125.7 MHz
▲ BOGEP (ABM DAC VOR) 240408N 0902450 E	285°/105° 47 NM					
▲ VOR RAJ 242621.18N0883654.10E	285°/105° 103 NM	FL 270	10			
▲ TEBID 244102N 0880150 E	295°/115° 35 NM	Class B				
A 462 (Dhaka-Kolkata)						
▲ VOR DAC 234935.12N 0902447.58 E		FL 460 2000 FT Class C				Airway  Dhaka TWR 118.3 MHz within Dhaka CTR Dhaka ACC 126.7/125.7 MHz
▲ AKEVO 233603N 0900250 E	237°/057° 25 NM	FL 460 FL 055 2000 FT Class C				
▲ IKOGU 232239N 0893850 E	237°/057° 25 NM	FL 460	10			
▲ ABM NDB JR 230603N 0891250 E	237°/057° 30NM	FL075 2000 FT Class B				
▲ BEMAK 225539N 0885356 E	237°/057° 20 NM					
A 599 (Chittagong-Chila)						
▲ VOR CTG 221527.85N 0914938.93 E		FL460/FL145 3000 FT Class B	10			Airway  ATAS: below FL 245 and above FL 150 All aircraft are to make simultaneous board-cast of LASHIO Position to Kolkata and Yangon Dhaka ACC 126.7/125.7 MHz
▲ 25 DME	082°/262° 25 NM	FL460/FL245 3000 FT				
▲ CHILA 222303N 0924456 E	082°/262° 28 NM	Class B	20			

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1	2	3	4	5		6
B 465						
▲ SUMAG 223539N 088526 E		FL 460/FL 115 2000 FT Class B	10	↓		Airway BTN FL 460 /FL 115  Airway BTN FL 460/ FL 145  Airway BTN FL 460/FL 245 ATAS: below FL 245 and above FL 150  Dhaka ACC 126.7/125.7 MHz.
▲ DAKID 221833N 0912250 E	277°/097° 139 NM	FL 460 2000FT ALT 3000 FT Class C / B				
▲ VOR CTG 221527.85N0914938.93 E	277°/097° 25 NM					
▲ AVDAX 221333N 0921625 E	094°/274° 25 NM	FL 460/FL 245 3000 FT Class B	20	↑		
▲ APAGO 221211N 0924013 E	094°274° 22 NM					
B 593						
▲ NOKAT 224727N 0885630 E		FL 460/FL 075 2000 FT Class B	10	↓		Airway BTN FL 460/ FL 075   ATAS: above FL 150 Dhaka ACC 126.7/125.7 MHz
▲ BAVAN 230528.72N 0895838.36 E	073°/253° 61 NM	FL 460/FL 075 2000 FT Class C				
▲ AGUNU 231315.37N 0902633.48 E	073°/253° 29 NM					
▲ VOR CML 232601.6N 0911124.33 E	073°/253° 40 NM			↑		
▲ DAC-KOL FIR BDRY 233257N 0911150 E		FL 460/FL 075 2000FT Class F				
▲ DAC-KOL FIR BDRY 235702N 0911350 E						
▲ VOR AAT 235322.4N 0911423.0 E	007°/187° 28NM					
▲ IBAPA 251102N 0912609 E	009°/189° 77 NM					

ENR 4 RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 RADIO NAVIGATION AIDS EN-ROUTE

Name of station	ID	Frequency	Hours of operation	Coordinates	ELEV Antenna	Remarks
DHAKA,D/VOR	DAC	112.7MHz	H24	234927.42N0902446.52E		
DHAKA,DME	DAC	1161MHz	H24	234927.42N0902446.52E		
DHAKA,NDB	DCN	298KHz	H24	235034.32N0902503.67E		
DHAKA,LO	DA	375KHz		235558.39N0901936.52E		
CHITTAGONG,D/VOR	CTG	113.4 MHz	H24	221527.90N0914938.98E		
CHITTAGONG,DME	CTG	1168 MHz	H24	221527.90N0914938.98E		
CHITTAGONG,NDB	EG	287 KHz	H24	221504.61N0914904.53E		
→ SYLHET,VOR	SYT	116.4 MHz	HO	245747.75N0915142.06E		
→ SYLHET,NDB	SY	372 KHz	HO	245719.60N0915220.74E		
		1013 MHz	HO			
→ BARISHAL,NDB	BL	368 KHz	HO	224752.16N0901752.21E		
COX'S BAZAR,NDB	CB	396 KHz	HO	not yet measured		
→ COMILLA,VOR	CML	115.5 MHz	HO	232600.03N0911124.93E		
→ COMILLA,NDB	CM	330 KHz	HO	232610.31N0911115.81E		
ISHURDI,NDB	-	-	-	-		
→ JESSORE,VOR	JSR	113.0 MHz	HO	231206.37N0890910.39E		
→ JESSORE,NDB	JR	280 KHz	HO	231030.57N0890942.29E		
RAJSHAHI,VOR	RAJ	114.6 MHz	H24	242621.18N0883654.10E		
RAJSHAHI,NDB	RJ	228 KHz	H24	242632.87N0883649.35E		
RAJSHAHI, DME	RAJ	1180 MHz	H24	242621.18N0883654.10E		
SAIDPUR,VOR	SDP	115.8 MHz	HO	254516.30N0885435.64E		
SAIDPUR,NDB	SD	268 KHz	HO	254552.27N0885434.83E		

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ENR 4.3 NAME CODE DESIGNATOR FOR SIGNIFICANT POINTS

Name code designator	Coordinates	ATS Route or Other Route
ADMIL	23 10 51 N 090 59 26 E	G 463
AGODA	24 19 22 N 088 35 56 E	R472
→ AGUNO	23 13 15 N 090 26 33 E	B593
AKEVO	23 36 03 N 090 02 50 E	A462
APAGO	22 12 11 N 092 40 13 E	B465
ATOGA	25 16 02 N 090 01 02 E	R472
AVDAX	22 13 33 N 092 16 25 E	B465
AVLED	21 40 03 N 092 20 49 E	G463
AVPOP	22 18 09 N 089 00 50 E	L507
BATEL	24 06 42 N 089 34 56 E	G463
→ BAVAN	23 05 28 N 089 58 38 E	B593
BELKU	24 20 02 N 089 36 50 E	W3
BEMAK	22 55 39 N 088 53 56 E	A462
BOGEP	24 04 08 N 090 24 50 E	A201
CHILA	22 23 03 N 092 44 56 E	A599
DAKID	22 18 33 N 091 22 50 E	W14
ESDOT	21 20 45 N 090 32 50 E	L507
GURSO	23 24 03 N 090 20 50 E	W9
IBANU	23 24 57 N 089 37 14 E	W2
IBAPA	25 11 02 N 091 26 09 E	B593
IKOGU	23 22 39 N 089 38 50 E	A462
KAKBO	23 00 03 N 090 18 50 E	W9
KANDI	23 30 13 N 090 42 05 E	G463
LATIM	24 05 30 N 090 45 45 E	W1
MEXIV	24 02 42 N 090 03 05 E	W3
MIGOP	25 12 20 N 088 47 08 E	R598
MIMAR	23 37 03 N 090 01 00 E	W2
NIKLI	24 11 45 N 090 53 00 E	W1
NOKAT	22 47 27 N 088 56 30 E	B593
NUPUR	23 06 08 N 090 51 56 E	W14
OLPAS	23 57 32 N 090 00 05 E	G463
ONEKA	22 34 48 N 091 32 14 E	G463
PABAN	21 51 41 N 092 10 24 E	W15
REDAP	24 54 00 N 088 11 15 E	R344
SARAR	25 16 02 N 089 09 23 E	W6
SETAR	23 27 49 N 090 38 23 E	W14
SUMAG	22 35 39 N 088 56 26 E	B465
TANAP	21 56 27 N 092 06 37 E	G463
TEBID	24 41 02 N 088 01 50 E	A201
TEGAK	24 10 40 N 089 50 15 E	W3
UBLIN	21 50 03 N 091 53 49 E	W4
VANTU	26 05 32 N 089 14 40 E	R598
VINAD	25 22 14 N 088 49 20 E	R598
VINET	22 25 28 N 091 24 35 E	W5

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Identification, name and lateral limits	<u>Upper Limit</u> Lower Limit	Remarks (Time of activity, Type of restriction, nature of hazard, risk of interception)
1	2	3
<b>VGR 24 (Jessore)</b> Area Bounded by lines joining successively the following points: 232403 N 0891750 E 233102 N 0893250 E 232503 N 0893650 E 231703 N 0892150 E 232403 N 0891750 E	<u>ALT 3000 FT</u> GROUND /WATER	Military Helicopter Flying Active : H 24
<b>VGR 25 Dhaka/Jessore</b> Area Bounded by lines joining successively the following points: 233703 N 0901750 E 233303 N 0903050 E 231103 N 0904750 E 224103 N 0890151 E 225703 N 0885851 E 233703 N 0901750 E	<u>FLO 60</u> GROUND / WATER	Military Jet Flying * Upper limit is 2000 ft (AGL) in the area which falls within Dhaka CTR Active : H 24
<b>VGR 26 (Chittagong/Dhaka)</b> Area Bounded by lines joining successively the following points: 231103 N 0904750 E 223303 N 0911450 E 223303 N 0905950E 220303 N 0905950 E 215303 N 0901950 E 223003 N 0890851 E 224303 N 0890851 E 2301103 N 0904750 E	<u>FL 100</u> GND/ WATER	Military Jet Flying Active : H 24
<b>VGR 27 (Chittagong)</b> Area Bounded by lines joining successively the following points: 223303 N 0911450 E 222003 N 0912350 E 220903 N 0912450 E 220303 N 0905950 E 223303 N 0905950 E 223303 N 0911450 E	<u>FL 60</u> GROUND/ WATER	Military Jet Flying Active : H 24

Identification, name and lateral limits	Upper Limit Lower Limit	Remarks (Time of activity, Type of restriction, nature of hazard, risk of interception)
1	2	3
<p><b>VGD 28 (Bandarban)</b> Area Bounded by lines joining successively the following points 221254 N 0920258 E 221317 N 0920324 E 220644 N 0921430 E 220108 N 0921449 E 220136 N 0921223 E 220325 N 0920737 E 220558 N 0920703 E 221254 N 0920258 E</p>	<p><u>FL 080</u> GND</p>	<p>Practice firing by Bangladesh Army  Date and period of activity will be notified by NOTAM</p>
<p><b>VGD 29 (Cox's Bazar)</b> Area Bounded by lines joining successively the following points: 211500 N 0920300 E 212400 N 0915100 E 210950 N 0914700 E 205830 N 0920000 E 211500 N 0920300 E</p>	<p><u>FL 530</u> GND/WATER</p>	<p>Practice firing by Bangladesh Army  Active: Date and period of activity will be notified by NOTAM.</p>
<p><b>VGD 30</b> Area bounded by lines joining successively by the following points: 21 20 30N 090 34 00E 21 41 00N 091 14 00E 21 20 30 N 091 28 00E 21 00 00N 090 47 30E 21 20 30N 090 34 00E</p>	<p><u>FL 100</u> WATER</p>	<p>Firing by Naval Ship  Active: Date and Period of activity will be notified by NOTAM.</p>
<p><b>VGD 31</b> Area bounded by lines joining successively by the following points: 20 46 00N 090 00 00E 20 58 00N 090 17 00E 20 40 00N 090 38 00E 20 28 00N 090 22 00E 20 46 00N 090 00 00E</p>	<p><u>FL 400</u> WATER</p>	<p>Firing by Naval Ship  Active: Date and Period of activity will be notified by NOTAM.</p>
<p><b>VGD 32</b> Area bounded by lines joining successively by the following points: 20 07 00N 090 52 00E 20 22 00N 091 06 00E 20 00 00N 091 36 00E 19 44 00N 091 21 00E 20 07 00N 090 52 00E</p>	<p><u>FL 400</u> WATER</p>	<p>Firing by Naval Ship  Active: Date and Period of activity will be notified by NOTAM.</p>



DANGER, RESTRICTED AND PROHIBITED AREAS		
Identification, name and lateral limits	Upper Limit Lower limit	Remarks (Time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>VGD 33</b> Area bounded by lines joining successively by the following points: 20 22 00N 091 06 00E 20 46 30N 091 31 00E 20 24 00N 091 59 00E 20 00 00N 091 36 00E 20 22 00N 091 06 00E	<u>FL 100</u> WATER	Firing by Naval Ship  Active: Date and Period of activity will be notified by NOTAM.
<b>VGD 34</b> Area bounded by lines joining successively by the following points: 21 18 00N 089 31 00E 21 18 00N 089 50 00E 21 04 00N 089 54 00E 21 04 00N 089 34 00E 21 18 00N 089 31 00E	<u>FL 400</u> WATER	Firing by Naval Ship  Active: Date and Period of activity will be notified by NOTAM.
<b>VGD 35</b> Area bounded by lines joining successively by the following points: 20 58 00N 089 34 00E 20 58 00N 089 54 00E 20 34 00N 089 54 00E 20 34 00N 089 34 00E 20 58 00N 089 34 00E	<u>FL100</u> WATER	Firing by Naval Ship  Active: Date and Period of activity will be notified by NOTAM.
<b>VGP-36 (Dhaka)</b> Area bounded by a circle of ½ KM radius centred at a point: 234606N 0902330E	<u>ALT2000FT.</u> GND	Prime Minister's Office Active Permanent VGTJ west circuit shall not come under this non flying zone.
<b>VGR-37 (Rajendrapur)</b> Area bounded by lines joining successively by the following points: 240500N 0902526E 240525N 0902525E 240525N 0902620E 240500N 0902620E 240500N 0902526E	<u>ALT2000FT.</u> GND	Military Installation  Active: H 24  Flying may be conducted in coordination with ATCS and Bangladesh Army.
<b>VGR 38 (Chittagong)</b> Area bounded by a circle of 1.5KM radius centred at a point 222515N 0914800E	<u>ALT2000FT.</u> GND	Military Installation  Active: H 24 Flying may be conducted in coordination with ATCS and Bangladesh Army.

DANGER, RESTRICTED AND PROHIBITED AREAS		
Identification, name and lateral limits	<u>Upper Limit</u> <u>Lower limit</u>	Remarks (Time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
<b>VGR 39</b> <b>(Rangpur)</b> Area bounded by a circle of 1.5KM radius and centered at a point: 254500N 0891400E	<u>ALT2000FT.</u> GND	Military Installation  Active: H 24 Flying may be conducted in coordination with ATCS and Bangladesh Army.
<b>VGR -40</b> <b>(BHATIARY, CHITTAGONG).</b> Area bounded by lines joining successively by the following points 22 24 00N 091 48 00E 22 20 00N 091 48 00E 22 20 00N 091 52 00E 22 24 00N 091 52 00E 22 24 00N 091 48 00E	<u>ALT2500FT</u> GND	Military Installation  Active: H 24 Flying may be conducted in coordination with ATCS and Bangladesh Army.
<b>VGR-41</b> <b>(Bogra- Jamalpur- Gaibanda)</b> Area bounded by lines joining successively by the following points: 252700N 0891630E 252530N 0893800E 250845N 0894700E 245530N 0895500E 243430N 0894430E 245400N 0893430E 250400N 0892830E 251600N 0892200E 252700N 0891630E	<u>FL 080</u> GND	Military Training Flying Area  Active: H 24
<b>VGR-42</b> <b>(Bogra- Natore- Gaibandha)</b> Area bounded by lines joining successively by the following points: 245800N 0890900E 245200N 0891200E 244700N 0891600E 244000N 0892000E 242800N 0892700E 242700N 0890000E 243830N 0885830E 245800N 0890900E	<u>FL 080</u> GND	Military Training Flying Area  Active: H24