

**BHM-KBHM****1-10****AOI****GENERAL****Operational Hours****ATS Hours:** TWR H24**AD OPS Hours:** Attended continuously**Airport Information****RFF:** FAA INDEX C / CAT 7**Fuel:** Jet A**PCN:** RWY 06/24: 65/F/C/X/T

RWY 18/36: 45/F/C/X/T

**Operation****TWY Restrictions**

TWY F between RWY 18/36 and TWY G MAX weight 45.3t / 100000lbs.

TWY N MAX weight 92.5t / 204000lbs.

TWY M north of RWY 06/24 MAX weight 34t / 75000lbs.

TWY G MAX weight 29.4t / 65000lbs.

| TWY A between TWY A HLDG bay and TWY A3 MAX wingspan below 45.7m / 150ft.

**VOR Test Facility (VOT):** 110.0**Warnings****OKW VOR** unusable:

R138-R152

Birds in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.**Arrival Procedure****Land And Hold Short Operation (LAHSO)**

These OPS include LDG and hold short of an intersection RWY/TWY or other predetermined points on the RWY, other than RWY or TWY marked with (\*).

<b>LDG RWY</b>	<b>Hold Short Point (HSP)</b>	<b>Distance</b>
RWY 06	RWY 18/36	2652m / 8700ft
RWY 36	RWY 06/24	1570m / 5150ft

**BHM-KBHM****1-20****AOI****AOI****ARRIVAL****Non-standard GP Intercept Position on RWY 06**

GP intercepts RWY 06 at 308m / 1011ft after landing threshold.

Remaining DIST beyond GP is 3352m / 10996ft.

**Warnings****ILS RWY 24:** Glideslope unusable beyond 5° right of course.**DEPARTURE****Take-off Minima**

RWY		24	
1 & 2 ENG	ft - ft/SM	0 - 5000R/1.0V	MNM climb gradient 4.6% up to 1400
3 & 4 ENG		0 - 2400R/0.5V	
			06
1 & 2 ENG	ft - ft/SM	0 - 5000R/1.0V	MNM climb gradient 7.2% up to 1300
3 & 4 ENG		0 - 2400R/0.5V	
All ACFT		c300 - 2.0V	MNM climb gradient 4.7% up to 1800
			36
1 & 2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 9.3% up to 1000
3 & 4 ENG		0 - 0.5V	
All ACFT		c300 - 2.25V	-
			18
1 & 2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 7.5% up to 1500
3 & 4 ENG		0 - 0.5V	
All ACFT		c600 - 3.0V	MNM climb gradient 3.7% up to 1400

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.

03-MAY-2018

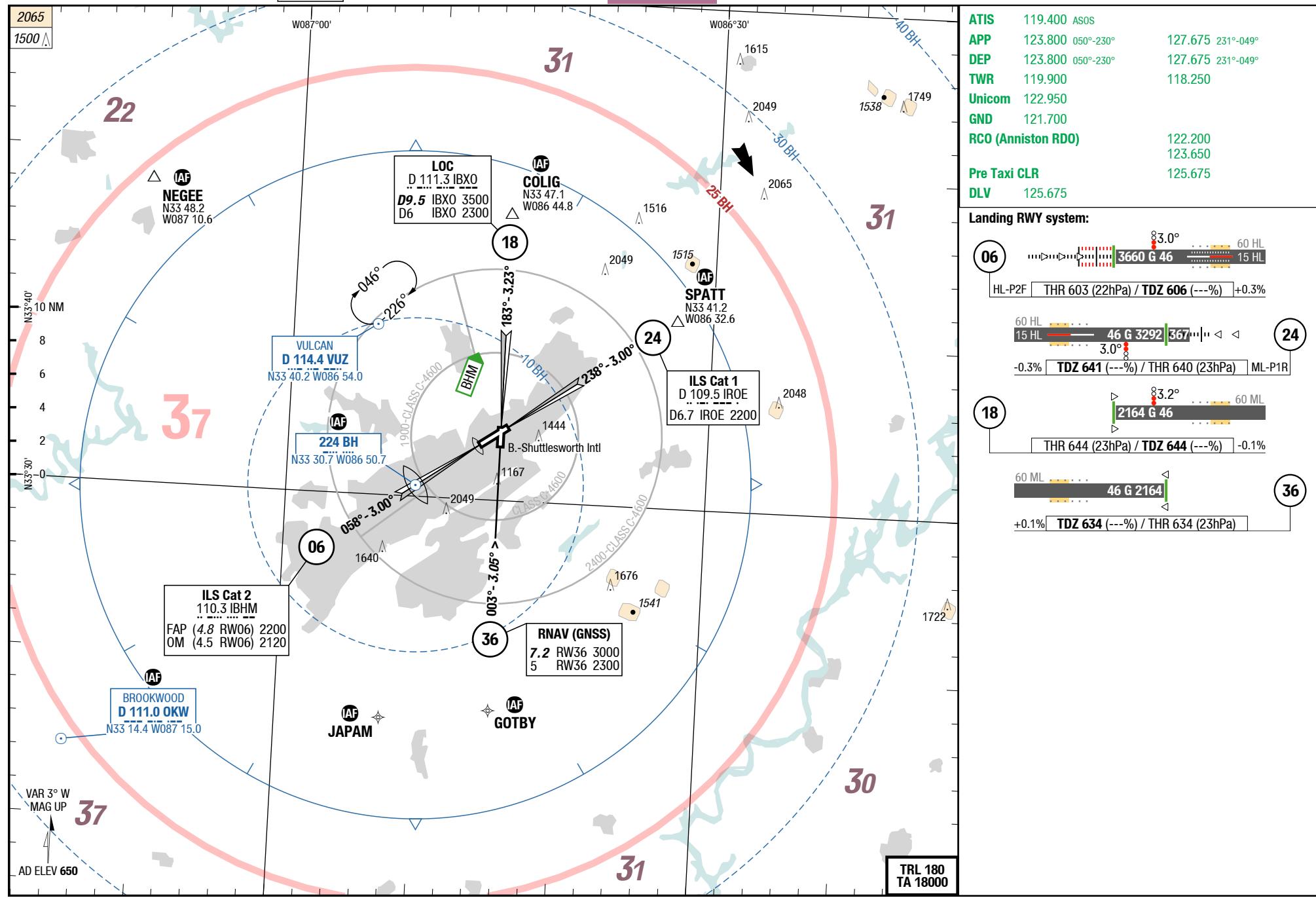
United States Birmingham Birmingham-Shuttlesworth Intl

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BHM-KBHM

2-10



03-MAY-2018

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3-20

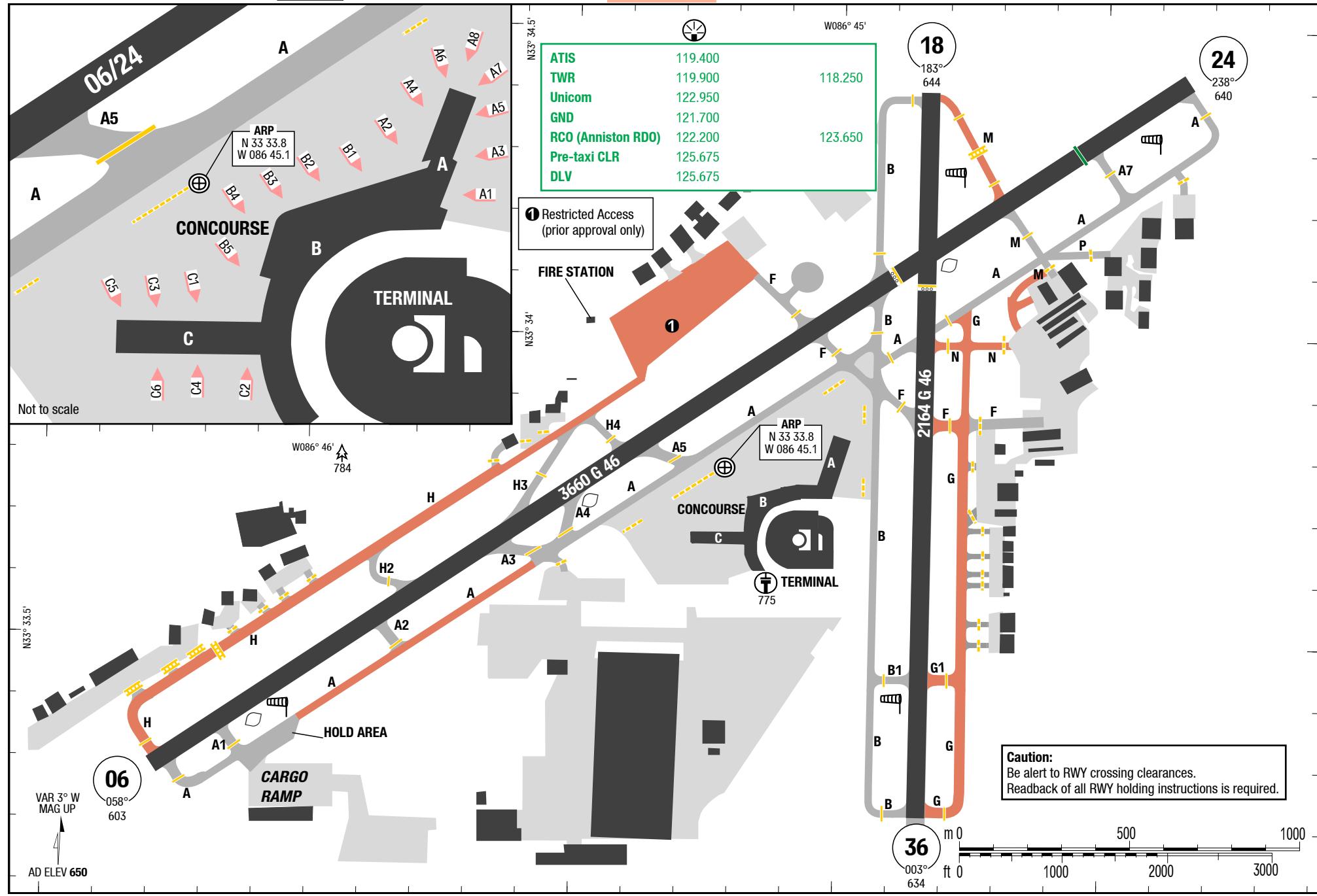
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Birmingham-Shuttlesworth Intl

Birmingham United States



**Effective 24-MAY-2018**

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17-MAY-2018

# **United States Birmingham** Birmingham-Shuttlesworth Intl

Birmingham-Shuttlesworth Intl **Birmingham** United States

BHM-KBHM

-10

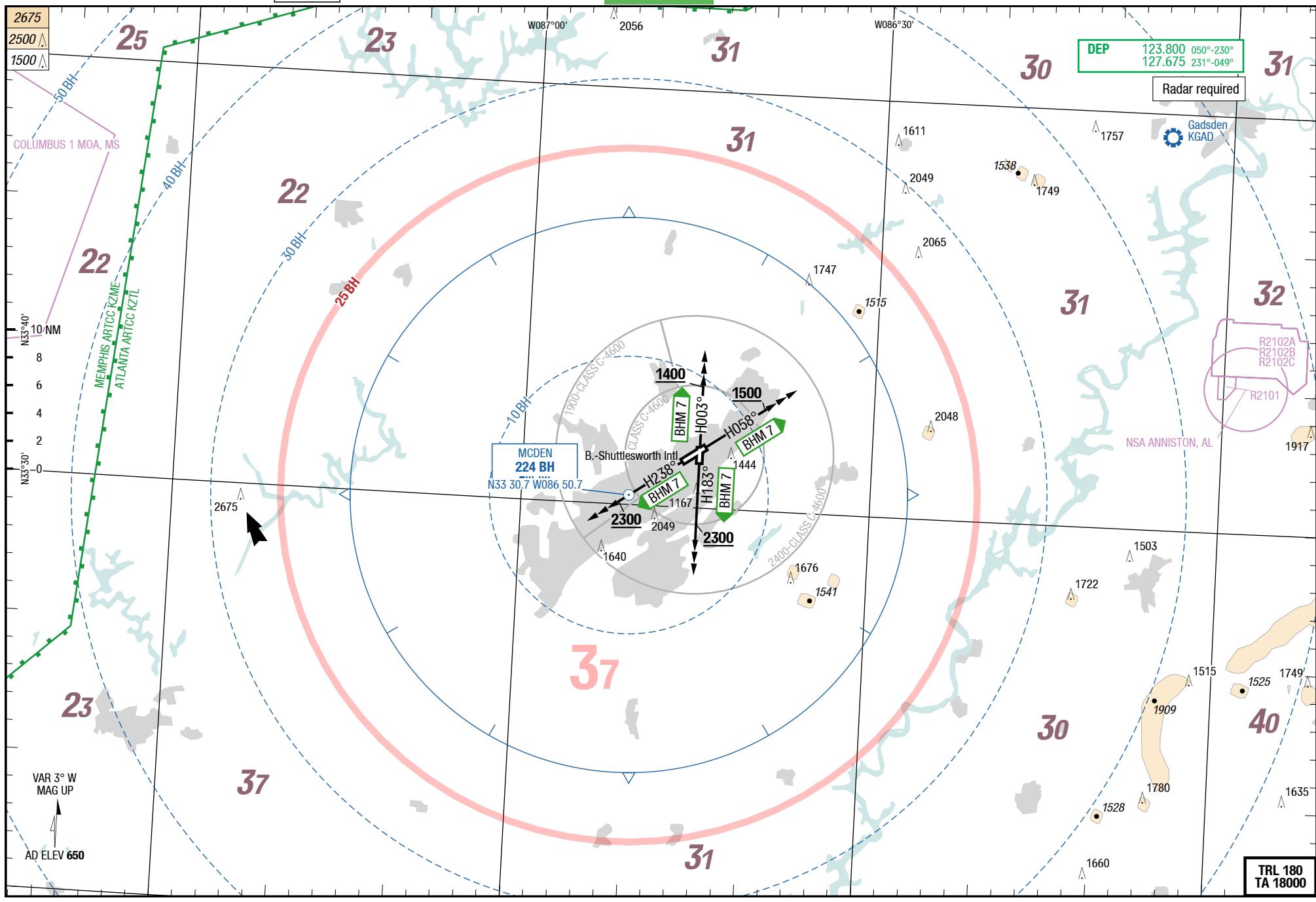
# **BIRMINGHAM 7 (BHM7)**

10

3

Birmingham-Shuttlesworth Intl **Birmingham** United States

BIRMINGHAM 7 (BHM7)



**BHM-KBHM**

**5-10**

**BIRMINGHAM 7 (BHM7)**

**BIRMINGHAM 7**

RWYs 06 (058°) / 18 (183°) / 24 (238°) / 36 (003°)

DESIGNATOR	ROUTING	ALTITUDES
<b>BIRMINGHAM 7</b>		
<b>BHM 7</b>		
123.800 (050°-230°)		
127.675 (231°-049°)		
①		
<b>RWY 06</b>	HDG 058° to MNM <b>1500</b> - expect vectors to join filed route	
<b>RWY 18</b>	HDG 183° to MNM <b>2300</b> - expect vectors to join filed route	
<b>RWY 24</b>	HDG 238° to MNM <b>2300</b> - expect vectors to join filed route	
<b>RWY 36</b>	HDG 003° to MNM <b>1400</b> - expect vectors to join filed route	

Initial climb **4000**

① Expect clearance to filed altitude 10 minutes after departure.

BHM-KBHM

5-30

Obstacle Departure 1

SIDPT

## Obstacle Departure

RWY	Routing
06	Climb RWY HDG to <b>1500</b> BPOC
18	Climb RWY HDG to <b>2300</b> BPOC
24	Climb RWY HDG to <b>2300</b> BPOC
36	Climb RWY HDG to <b>1400</b> BPOC

**BHM-KBHM****5-40****Obstacle Departure 2**

SIDPT

**Obstacle Departure**

RWY	Notes
<b>06</b>	Building 154ft from DER, 401ft right of centerline, 14ft AGL/656ft MSL. Terrain 704ft from DER, 652ft left of centerline, 671ft MSL. Terrain 950ft from DER, 674ft right of centerline, 692ft MSL. Terrain 957ft from DER, 682ft left of centerline, 675ft MSL. Terrain 1226ft from DER, 654ft right of centerline, 713ft MSL. Terrain 1259ft from DER, 705ft left of centerline, 684ft MSL. Terrain beginning 1383ft from DER, 391ft right of centerline, up to 718ft MSL. Terrain beginning 1387ft from DER, 272ft left of centerline, up to 706ft MSL. Tree, terrain, traverse ways and fence beginning 1450ft from DER, 33ft right of centerline, up to 767ft MSL. Terrain beginning 1621ft from DER, 166ft left of centerline, up to 718ft MSL terrain beginning 1753ft from DER, 5ft left of centerline, up to 721ft MSL. Terrain beginning 1805ft from DER, 110ft left of centerline, up to 727 ft MSL. Terrain and traverse way beginning 1917ft from DER, 708ft left of centerline, up to 730ft MSL. Terrain beginning 1993ft from DER, 112ft left of centerline, up to 731ft MSL. Terrain and traverse way beginning 2111ft from DER, 321ft left of centerline, up to 734ft MSL. Terrain beginning 2275ft from DER, 111ft left of centerline, up to 737ft MSL. Traverse way and terrain beginning 2346ft from DER, 325ft left of centerline, up to 739ft MSL. Pole, terrain and fences beginning 2449ft from DER, 48ft right of centerline, up to 43ft AGL/769ft MSL. Terrain beginning 2497ft from DER, 109ft left of centerline, up to 742ft MSL. Traverse way 2554ft from DER, 531ft left of centerline, 744ft MSL. Trees, terrain, traverse way and poles beginning 2608ft from DER, 25ft left of centerline, up to 779ft MSL. Tree, terrain and pole beginning 2846ft from DER, 169ft right of centerline, up to 782ft MSL. Tree, terrain, pole and lighting beginning 2983ft from DER, 111ft left of centerline, up to 800ft MSL. Tree and fence beginning 3007ft from DER, 47ft right of centerline, up to 788ft MSL. Trees and terrain beginning 3071ft from DER, 59ft right of centerline, up to 800ft MSL. Pole and terrain beginning 3220ft from DER, 410ft left of centerline, up to 44ft AGL/811ft MSL. Tree and terrain beginning 3308ft from DER, 236ft right of centerline, up to 809ft MSL. Trees, terrain and pole beginning 3320ft from DER, 96ft left of centerline, up to 816ft MSL. Trees, terrain and fences beginning 3529ft from DER, 53ft right of centerline, up to 810ft MSL. Tree, terrain and pole beginning 3567ft from DER, 154ft left of centerline, up to 832ft MSL. Trees, terrain and pole beginning 3717ft from DER, 31ft left of centerline, up to 841ft MSL. Trees and terrain beginning 3978ft from DER, 14ft left of centerline, up to 865ft MSL. Trees and poles beginning 4099ft from DER, 123ft left of centerline, up to 870ft MSL. Trees beginning 5066ft from DER, 518ft left of centerline, up to 878 ft MSL. Tree 5192 ft from DER, 1364ft left of centerline, 883ft MSL. Trees beginning 5202ft from DER, 973ft left of centerline, up to 884ft MSL. Tower, trees, terrain and pole beginning 5260ft from DER, 62ft left of centerline, up to 97ft AGL/897ft MSL. Trees beginning 5916ft from DER, 159ft right of centerline, up to 814 ft MSL. Trees beginning 1NM from DER, 14 ft right of centerline, up to 822ft MSL. Trees beginning 1.3NM from DER, 1745ft left of centerline, up to 901ft MSL. Tree 1.6NM from DER, 2148ft left of centerline, 913ft MSL.

**BHM-KBHM****5-50****Obstacle Departure 3**

SIDPT

**Obstacle Departure**

RWY	Notes
18	Terrain 372ft from DER, 543ft right of centerline, 648ft MSL. Terrain beginning 536ft from DER, 453ft right of centerline, up to 672ft MSL. Poles, traverse ways and trees beginning 771ft from DER, 58ft left of centerline, up to 71ft AGL/701ft MSL. Trees and pole beginning 1084ft from DER, 125ft right of centerline, up to 686ft MSL. Trees beginning 1220ft from DER, 96ft right of centerline, up to 690ft MSL. Trees beginning 1330ft from DER, 209ft right of centerline, up to 695ft MSL. Trees and poles beginning 1367ft from DER, on centerline, up to 704ft MSL. Trees and pole beginning 1640ft from DER, 34ft left of centerline, up to 704ft MSL. Trees and pole beginning 1674ft from DER, 16ft left of centerline, up to 709ft MSL. Trees and poles beginning 1767ft from DER, 14ft left of centerline, up to 80ft AGL/717ft MSL. Trees, sign and pole beginning 2148ft from DER, 218ft left of centerline, up to 724ft MSL. Tower and trees beginning 2546ft from DER, 44ft left of centerline, up to 99ft AGL/749ft MSL. Tree 2813ft from DER, 167ft right of centerline, 724ft MSL. Trees beginning 2824ft from DER, 199ft right of centerline, up to 730ft MSL. Trees beginning 2958ft from DER, 39ft right of centerline, up to 732ft MSL. Spire 4511ft from DER, 1449ft right of centerline, 126ft AGL/753ft MSL. Transmission lines and trees beginning 4715ft from DER, 1068ft left of centerline, up to 102ft AGL/802ft MSL. Trees beginning 4969ft from DER, 1024ft left of centerline, up to 803ft MSL. Trees beginning 5057ft from DER, 1185ft left of centerline, up to 809ft MSL. Trees and transmission line, pole beginning 5168ft from DER, 221ft left of centerline, up to 813ft MSL. Antenna 5409ft from DER, 1145ft right of centerline, 110ft AGL/774ft MSL. Trees beginning 5581ft from DER, 454ft left of centerline, up to 819ft MSL. Tree 5591ft from DER, 48ft right of centerline, 781ft MSL. Trees and transmission line beginning 5680ft from DER, 254ft left of centerline, up to 837ft MSL. Tree 5757ft from DER, 562ft right of centerline, 782ft MSL. Trees, building and transmission line beginning 5812ft from DER, 58ft left of centerline, up to 838ft MSL. Tree 5993ft from DER, 17ft right of centerline, 787ft MSL. Trees and transmission lines beginning 5997ft from DER, 299ft left of centerline, up to 842ft MSL. Trees and poles beginning 1 NM from DER, 819ft left of centerline, up to 844ft MSL. Transmission line 1.1 NM from DER, 2018ft left of centerline, 129ft AGL/891ft MSL. Poles, trees and transmission line beginning 1.1NM from DER, 321ft left of centerline, up to 126ft AGL/893ft MSL. Trees beginning 1.2 NM from DER, 703ft left of centerline, up to 897ft MSL. Tree 1.2NM from DER, 560ft right of centerline, 826ft MSL. Trees beginning 1.2NM from DER, 118ft left of centerline, up to 906ft MSL. Trees beginning 1.2NM from DER, 220ft right of centerline, up to 843ft MSL. Trees beginning 1.3NM from DER, 60ft right of centerline, up to 864ft MSL. Trees and pole beginning 1.3NM from DER, 94ft left of centerline, up to 971ft MSL. Trees, building, and pole beginning 1.4NM from DER, 800ft left of centerline, up to 1041ft MSL. Trees, poles, transmission line, tank and water tower beginning 1.5NM from DER, 426ft left of centerline, up to 1139ft MSL. Tower, antenna, trees, pole and buildings beginning 1.7NM from DER, 1ft left of centerline, up to 150ft AGL/1219ft MSL. Tree 1.7NM from DER, 203ft right of centerline, 925ft MSL. Trees beginning 1.8NM from DER, 94ft right of centerline, up to 1017ft MSL.

**BHM-KBHM**

**5-60**

**Obstacle Departure 4**

SIDPT

**Obstacle Departure**

<b>RWY</b>	<b>Notes</b>
<b>18</b>	Buildings and trees beginning 1.9 NM from DER, 3ft right of centerline, up to 1106ft MSL. Tree 2 NM from DER, 1019ft right of centerline, 1120ft MSL. Trees beginning 2NM from DER, 127ft right of centerline, up to 1134ft MSL. Trees, pole, buildings and towers beginning 2.1NM from DER, 423ft right of centerline, up to 1167ft MSL. Towers, trees, water tower, antenna and building beginning 2.2NM from DER, 807ft right of centerline, up to 114ft AGL/1172ft MSL.
<b>24</b>	Lighting 7ft from DER, 5ft right of centerline, 1 ft AGL/604ft MSL. Lighting 7ft from DER, 5ft left of centerline, 2ft AGL/604ft MSL. Tree 991ft from DER, 561ft left of centerline, 642ft MSL. Trees beginning 1057ft from DER, 648ft left of centerline, up to 663ft MSL. Tree and sign beginning 1610ft from DER, 757ft left of centerline, up to 673ft MSL. Tree 2636ft from DER, 1172ft left of centerline, 690ft MSL.

**BHM-KBHM****5-70****Obstacle Departure 5**

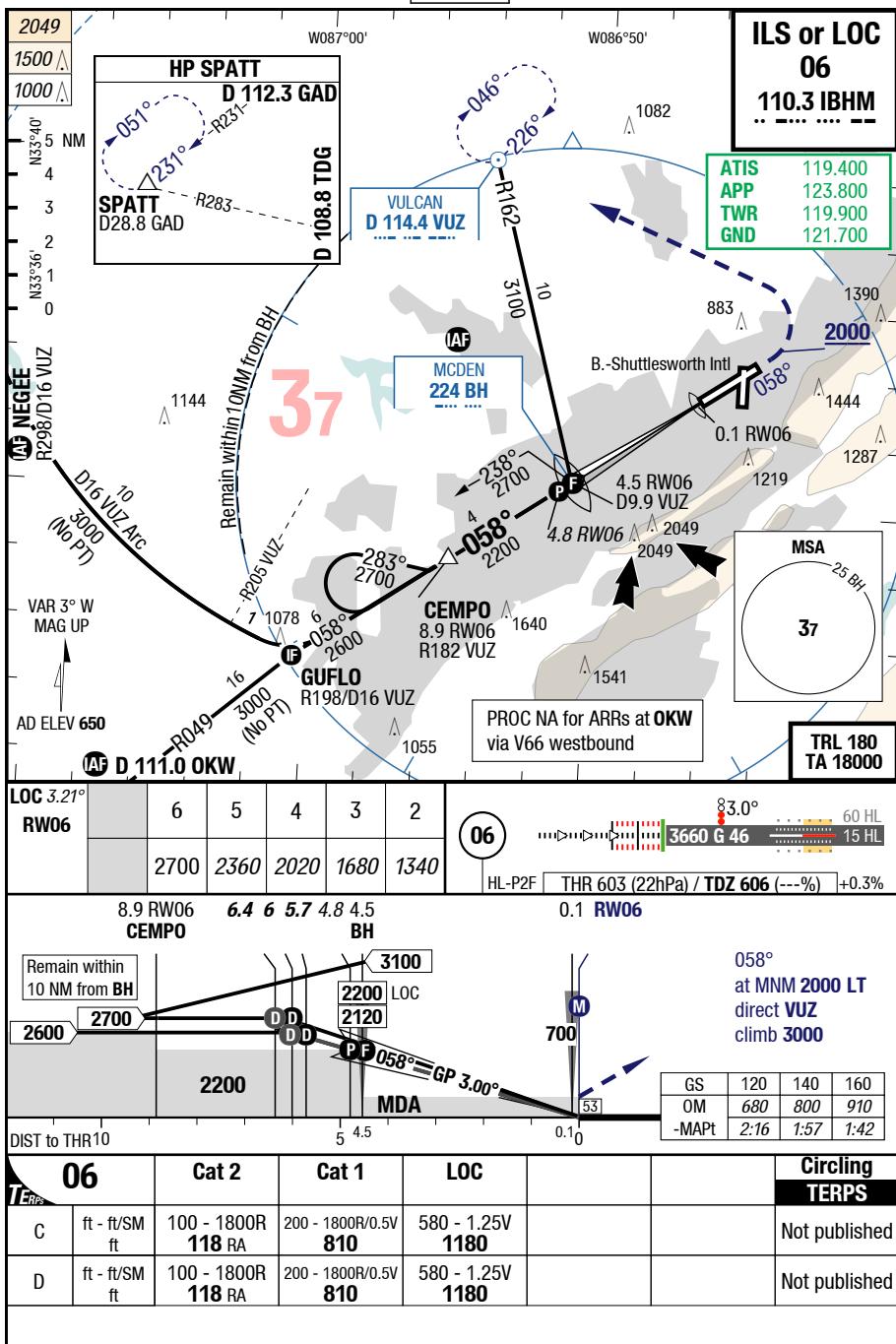
SIDPT

**Obstacle Departure**

RWY	Notes
36	Traverse way, fences, terrain and tree beginning 159ft from DER, 505ft right of centerline, up to 16ft AGL/661ft MSL. Terrain 192ft from DER, 493ft left of centerline, 653ft MSL. Tree 326ft from DER, 528ft left of centerline, 682ft MSL. Trees, terrain, poles, fences and vegetation beginning 467ft from DER, 2ft right of centerline, up to 726ft MSL. Tree 576ft from DER, 532ft left of centerline, 696ft MSL. Trees and terrain beginning 792ft from DER, 215ft left of centerline, up to 728ft MSL. Trees and terrain beginning 986ft from DER, 122ft left of centerline, up to 729ft MSL. Trees beginning 1332ft from DER, 106ft left of centerline, up to 745ft MSL. Trees, pole and traverse way beginning 1378ft from DER, 188ft left of centerline, up to 750ft MSL. Trees and terrain beginning 1632ft from DER, 82ft left of centerline, up to 768ft MSL. Tree, terrain and vegetation beginning 1921ft from DER, 76ft right of centerline, up to 738ft MSL. Terrain beginning 2189ft from DER, 433ft right of centerline, up to 753ft MSL. Trees and terrain beginning 2331ft from DER, 38ft right of centerline, up to 785ft MSL. Terrain and tree beginning 2444ft from DER, 17ft left of centerline, up to 772ft MSL. Terrain beginning 2714ft from DER, 356ft left of centerline, up to 775ft MSL. Trees, vegetation, terrain and poles beginning 2816ft from DER, on centerline, up to 839ft MSL. Trees, terrain and poles beginning 2877ft from DER, 3ft left of centerline, up to 846ft MSL. Trees and terrain beginning 3808ft from DER, 44ft right of centerline, up to 870ft MSL. Trees, terrain and pole beginning 4114ft from DER, 20ft right of centerline, up to 872ft MSL. Trees beginning 4345ft from DER, 864ft right of centerline, up to 105ft AGL/875ft MSL. Trees, terrain, building and poles beginning 4427ft from DER, on centerline, up to 879ft MSL. Trees and traverse way beginning 5381ft from DER, 183ft left of centerline, up to 852ft MSL. Tree 5435ft from DER, 1013ft left of centerline, 861ft MSL. Tree and poles beginning 5465ft from DER, 44ft left of centerline, up to 864ft MSL. Trees, poles and traverse way beginning 5529ft from DER, 85ft left of centerline, up to 870ft MSL. Trees beginning 5653ft from DER, 320ft left of centerline, up to 874ft MSL. Trees, vegetation, pole, traverse way and building beginning 5707ft from DER, 143ft left of centerline, up to 879ft MSL. Trees and traverse way beginning 5913ft from DER, 175ft left of centerline, up to 887ft MSL. Trees, tower, traverse way, pole, terrain and building beginning 1NM from DER, 32ft left of centerline, up to 908ft MSL. Trees and poles beginning 1.1NM from DER, 1193ft right of centerline, up to 907ft MSL. Tree 1.7NM from DER, 262ft left of centerline, 109ft AGL/919ft MSL.

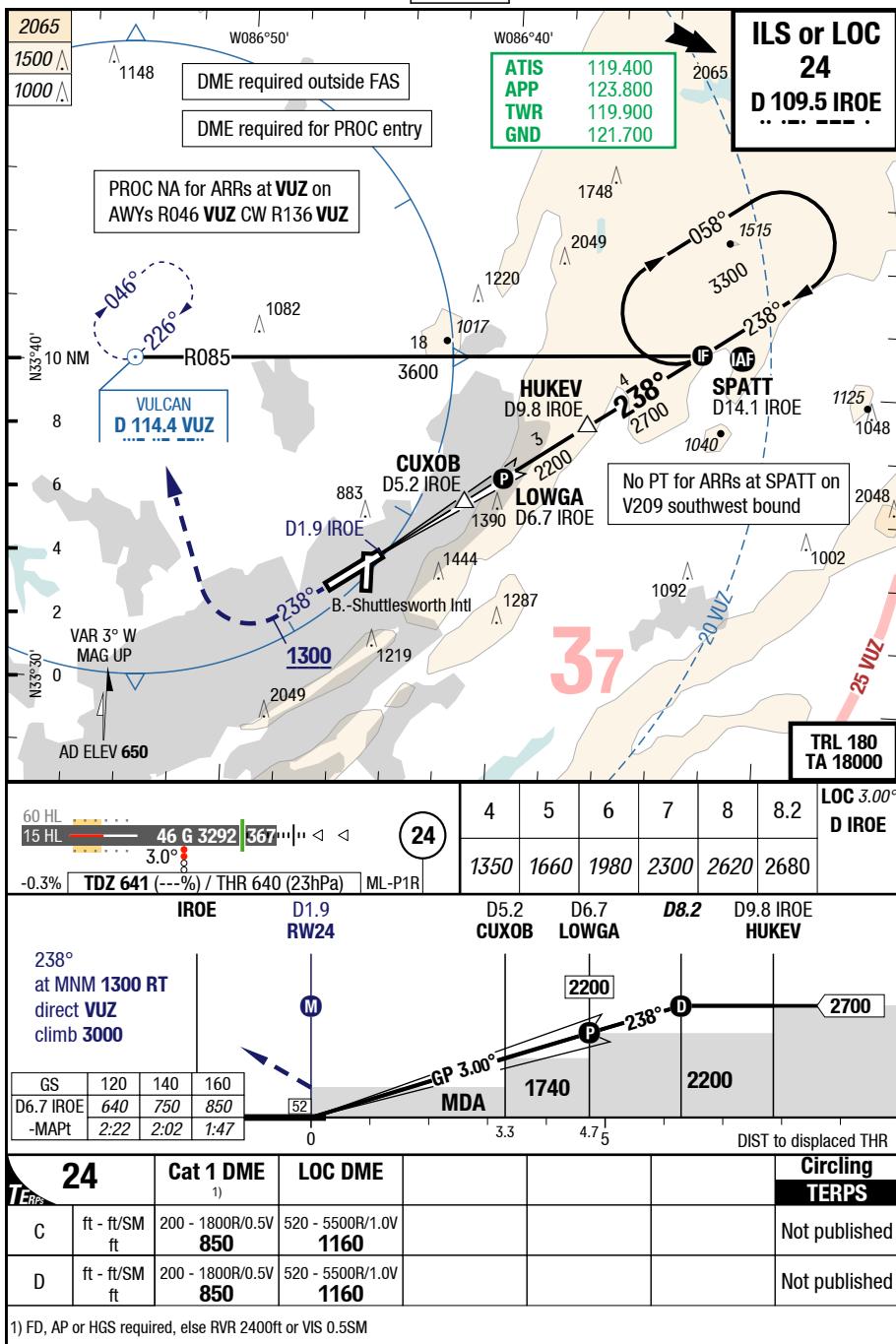
**BHM-KBHM**

7-10

**ILS or LOC 06**

**BHM-KBHM**

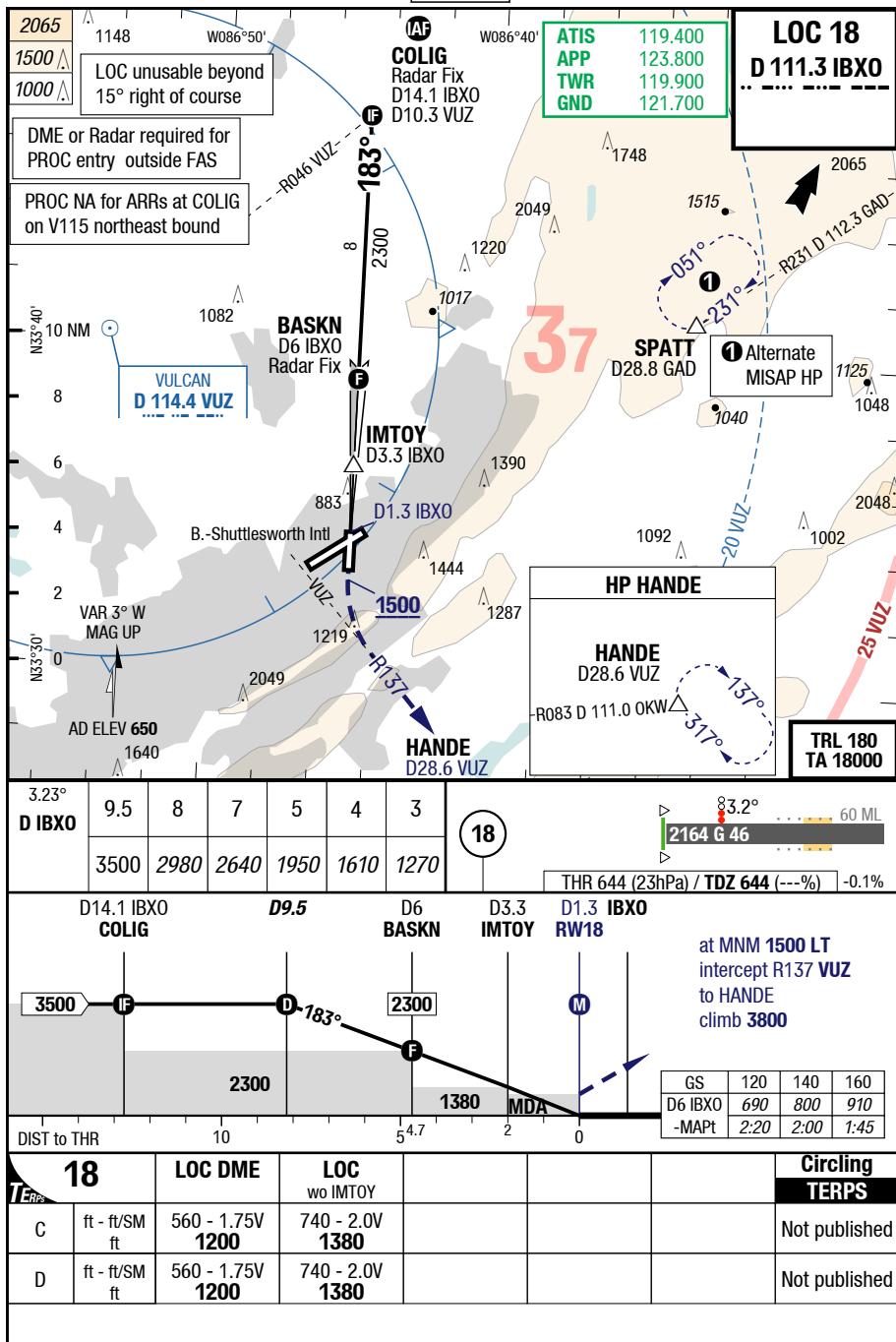
7-20

**ILS or LOC 24**

BHM-KBHM

7-30

LOC 18



Changes: DIST ALT table, ALT, APL, MIN, OBST, ROD, Note

AMDT 2C

**Effective 17-AUG-2017**

10-AUG-2017

BHM-KBHM

# United States **Birmingham** Birmingham-Shuttlesworth Intl

Birmingham-Shuttlesworth Intl **Birmingham** United States

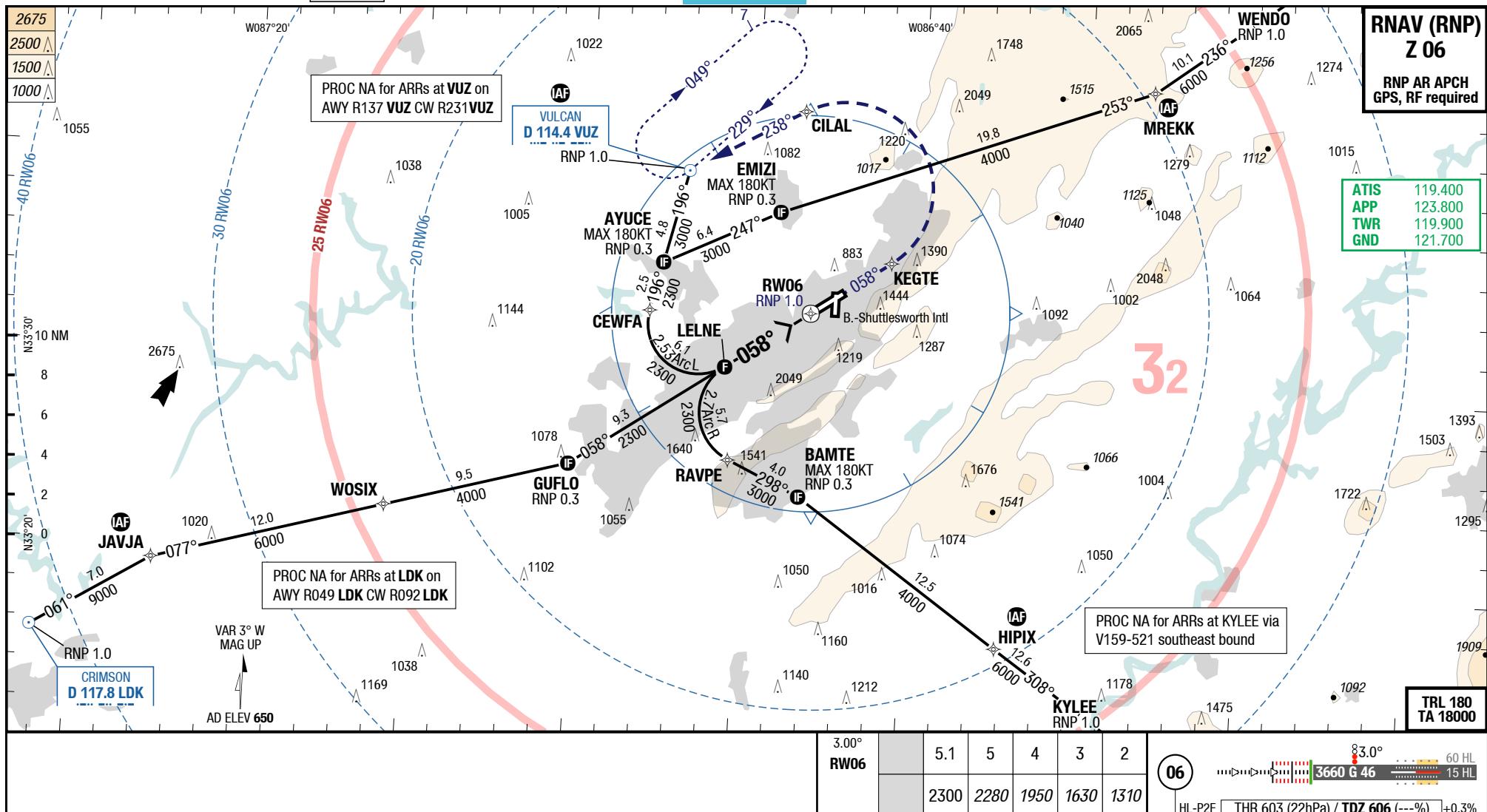
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RNAV (RNP) Z 06

IAC

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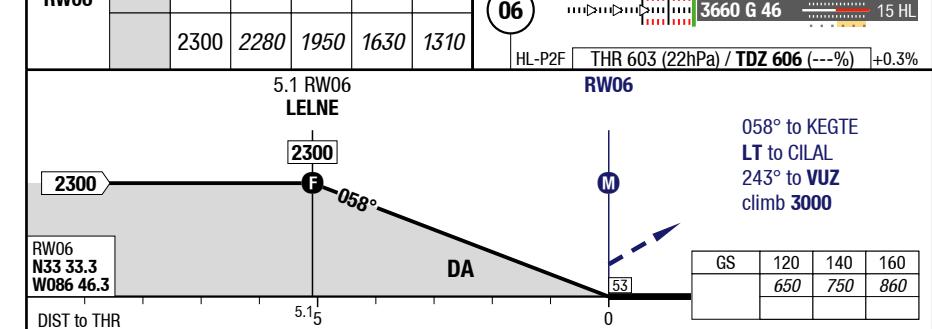
**RNAV (RNP) Z 06**



TERPs		<b>06</b>	<b>RNAV</b> RNP 0.30 VNAV 1)	<b>RNAV</b> RNP 0.30 VNAV APL U/S <sup>1)</sup>				<b>Circling</b> <b>TERPS</b>
C	ft - ft/SM ft	510 - 6000R/1.25V <b>1120</b>	510 - 1.75V <b>1120</b>					Not published
D	ft - ft/SM ft	510 - 6000R/1.25V <b>1120</b>	510 - 1.75V <b>1120</b>					Not published

[View Details](#) | [Edit](#) | [Delete](#)

058° to KEGTE  
LT to CILAL  
243° to VUZ  
climb 3000



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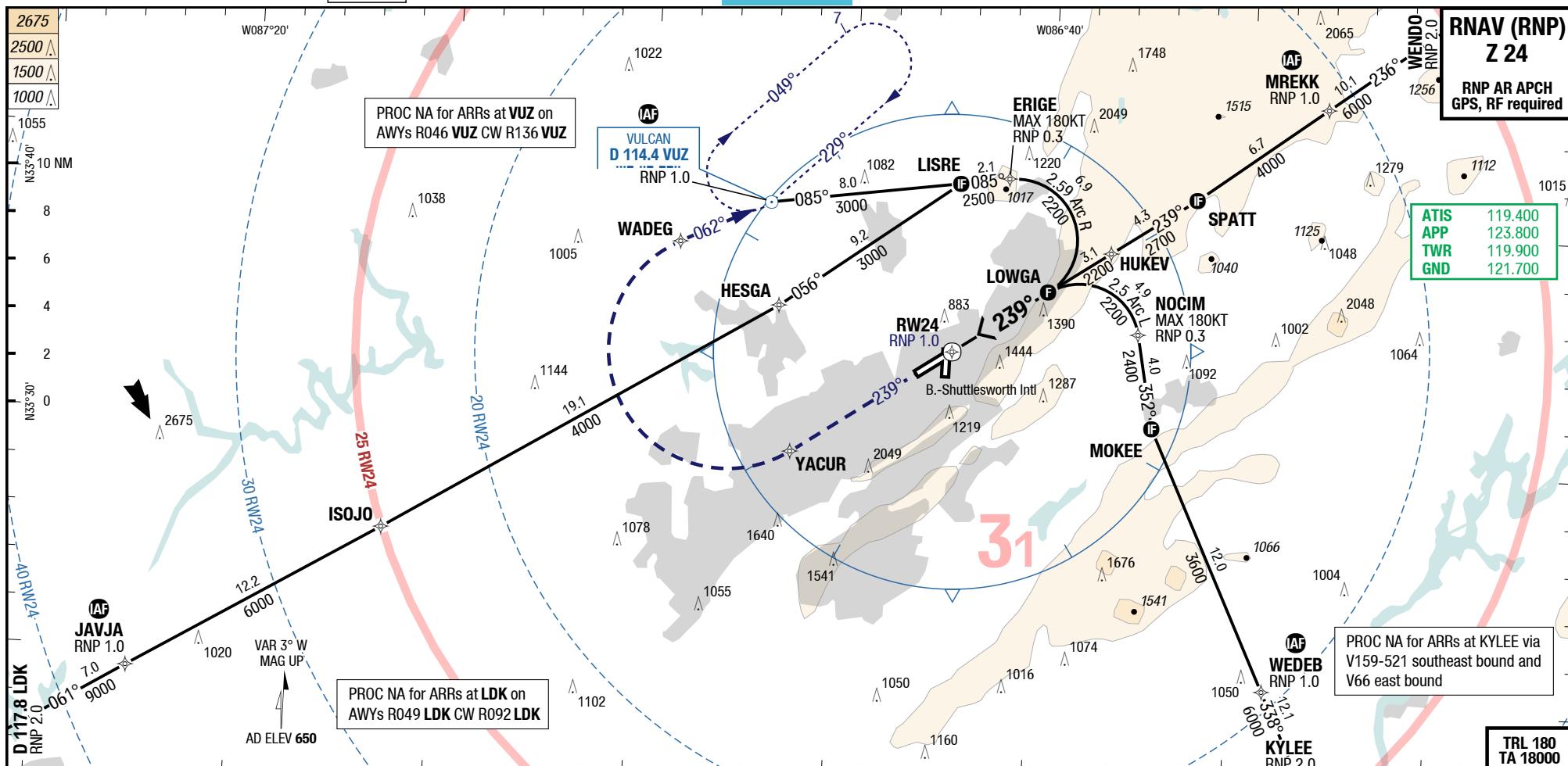
BHM-KBHM

7-60

RNAV (RNP) Z 24

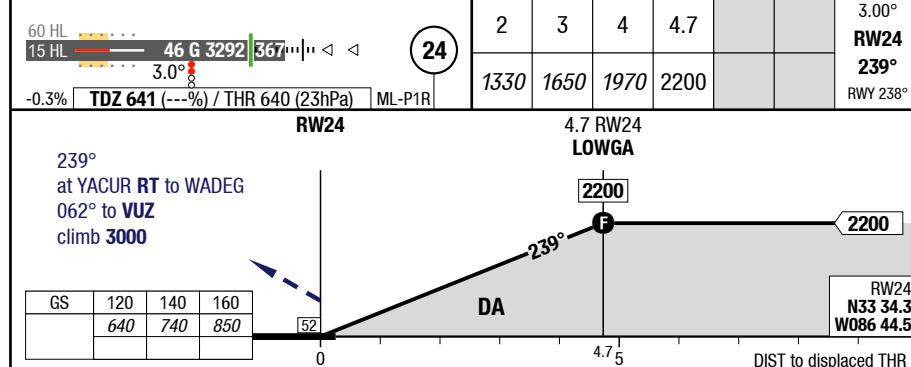
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Birmingham-Shuttlesworth Intl **Birmingham** United States



TERPS		<b>24</b>	<b>RNAV</b> RNP 0.15 VNAV 1)	<b>RNAV</b> RNP 0.30 VNAV 1)	<b>RNAV</b> RNP 0.30 VNAV APL U/S 1)			<b>Circling TERPS</b>
C	ft - ft/SM ft	510 - 1.25V <b>1150</b>	610 - 1.75V <b>1250</b>	610 - 2.0V <b>1250</b>				Not published
D	ft - ft/SM ft	510 - 1.25V <b>1150</b>	610 - 1.75V <b>1250</b>	610 - 2.0V <b>1250</b>				Not published

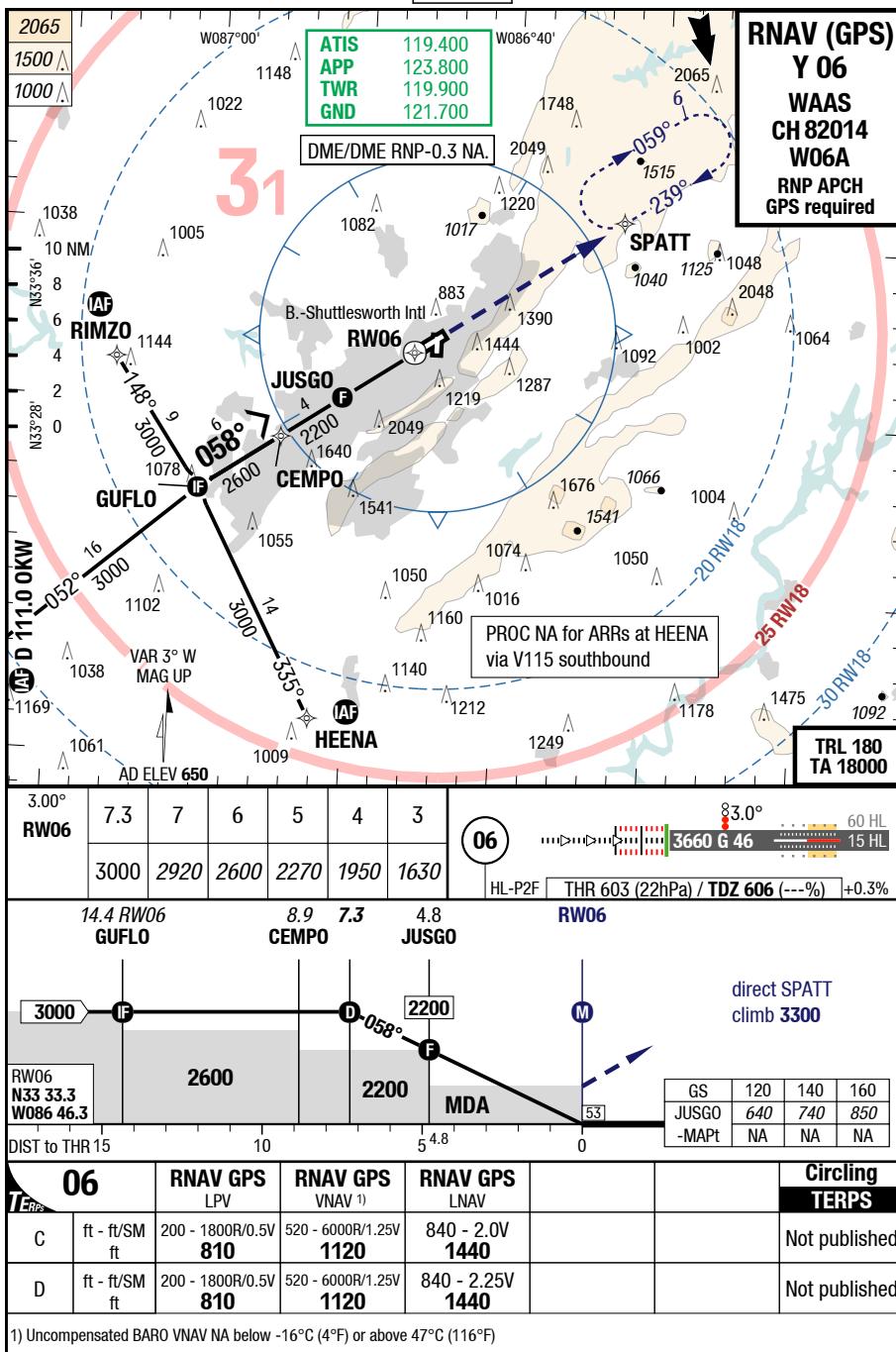
1) Uncompensated BARO VNAV NA below -8°C (18°F) or above 54°C (130°F)



29-JUN-2017

**BHM-KBHM**

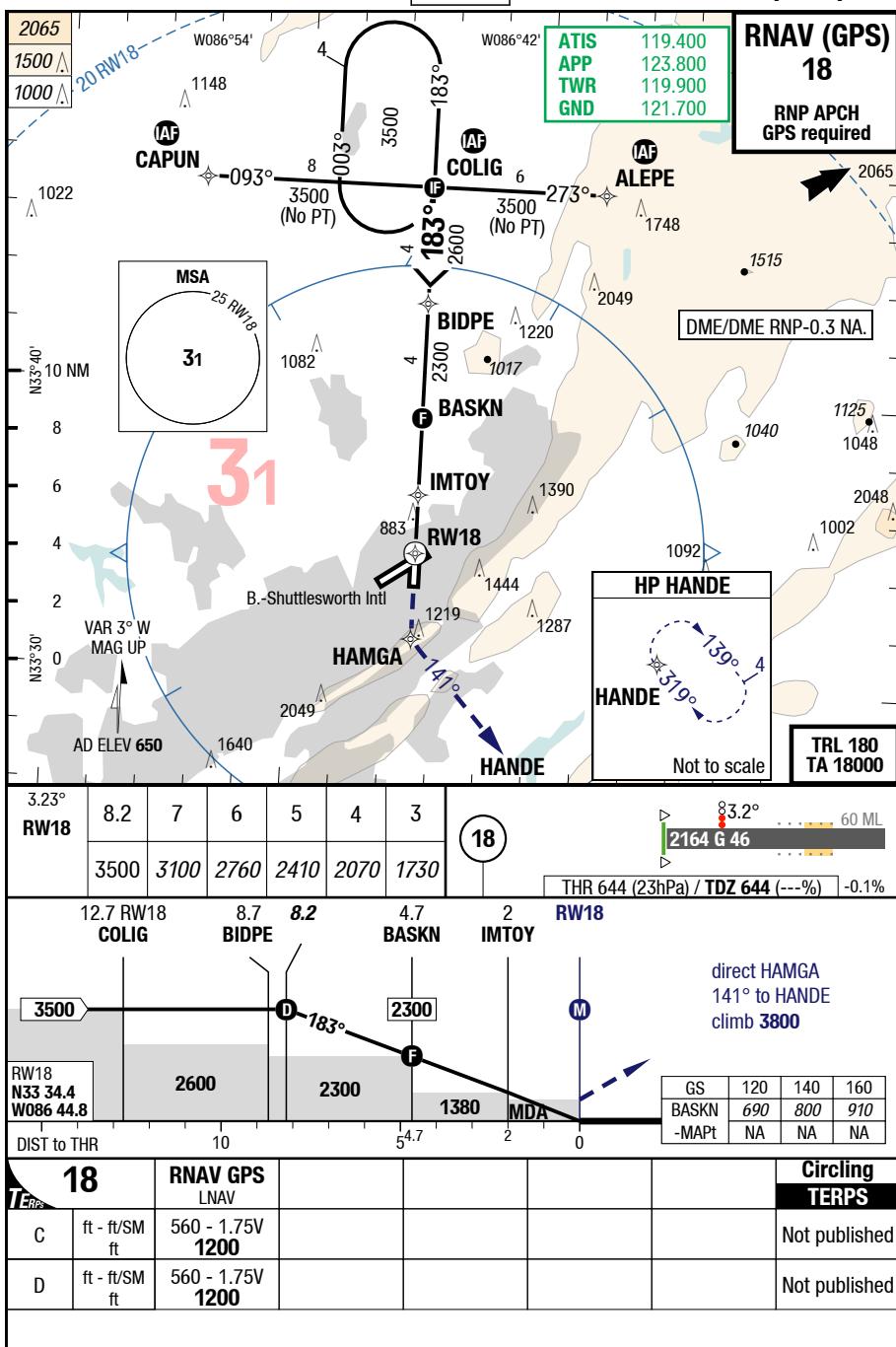
7-70

**RNAV (GPS) Y 06**

29-JUN-2017

**BHM-KBHM**

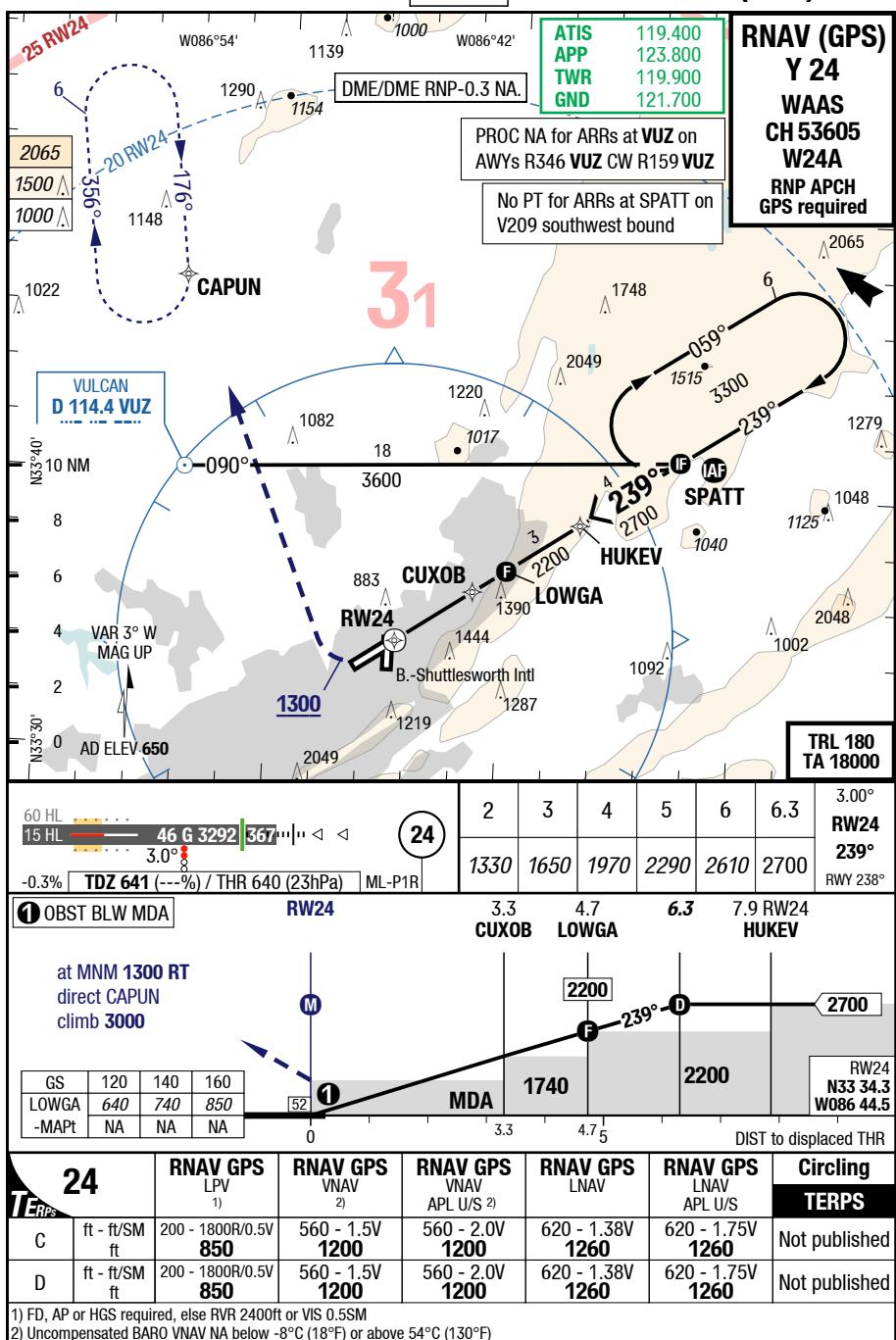
7-80

**RNAV (GPS) 18**

BHM-KBHM

7-90

## **RNAV (GPS) Y 24**



1) FD, AP or HGS required, else RVR 2400ft or VIS 0.5SM

2) Uncompensated BARO VNAV NA below -8°C (18°F) or above 54°C (130°F)

**BHM-KBHM**

7-100

**RNAV (GPS) 36**