

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
BIRMINGHAM, AL	BIRMINGHAM-SHUTTLESWORTH INTL	24 MAY 2018	8

TAKEOFF MINIMUMS:

RWY 6: 300-2 WITH MINIMUM CLIMB OF 285 FT PER NM TO 1800 OR STANDARD WITH MINIMUM CLIMB OF 435 FT PER NM TO 1300 OR 1800-3 FOR VCOA.

RWY 18: 600-3 WITH MINIMUM CLIMB OF 225 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 455 FT PER NM TO 1500 OR 1800-3 FOR VCOA.

RWY 24: STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 1400.

RWY 36: 300- 2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 565 FT PER NM TO 1000.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6: CLIMB HEADING 058.47 TO 1500 BEFORE PROCEEDING ON COURSE.

RWY 18: CLIMB HEADING 183.03 TO 2300 BEFORE PROCEEDING ON COURSE.

RWY 24: CLIMB HEADING 238.48 TO 2300 BEFORE PROCEEDING ON COURSE.

RWY 36: CLIMB HEADING 003.03 TO 1400 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 6, 18: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BIRMINGHAM-SHUTTLESWORTH INTL AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 06: BUILDING 154 FT FROM DER, 401 FT RIGHT OF CENTERLINE, 14 FT AGL/656 FT MSL. TERRAIN 704 FT FROM DER, 652 FT LEFT OF CENTERLINE, 671 FT MSL. TERRAIN 950 FT FROM DER, 674 FT RIGHT OF CENTERLINE, 692 FT MSL. TERRAIN 957 FT FROM DER, 682 FT LEFT OF CENTERLINE, 675 FT MSL. TERRAIN 1226 FT FROM DER, 654 FT RIGHT OF CENTERLINE, 713 FT MSL. TERRAIN 1259 FT FROM DER, 705 FT LEFT OF CENTERLINE, 684 FT MSL. TERRAIN BEGINNING 1383 FT FROM DER, 391 FT RIGHT OF CENTERLINE, UP TO 718 FT MSL. TERRAIN BEGINNING 1387 FT FROM DER, 272 FT LEFT OF CENTERLINE, UP TO 706 FT MSL. TREE, TERRAIN, TRAVERSE WAYS AND FENCE BEGINNING 1450 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 767 FT MSL. TERRAIN BEGINNING 1621 FT FROM DER, 166 FT LEFT OF CENTERLINE, UP TO 718 FT MSL. TERRAIN BEGINNING 1753 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 721 FT MSL. TERRAIN BEGINNING 1805 FT FROM DER, 110 FT LEFT OF CENTERLINE, UP TO 727 FT MSL. TERRAIN AND TRAVERSE WAY BEGINNING 1917 FT FROM DER, 708 FT LEFT OF CENTERLINE, UP TO 730 FT MSL. TERRAIN BEGINNING 1993 FT FROM DER, 112 FT LEFT OF CENTERLINE, UP TO 731 FT MSL. TERRAIN AND TRAVERSE WAY BEGINNING 2111 FT FROM DER, 321 FT LEFT OF CENTERLINE, UP TO 734 FT MSL. TERRAIN BEGINNING 2275 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 737 FT MSL. TRAVERSE WAY AND TERRAIN BEGINNING 2346 FT FROM DER, 325 FT LEFT OF CENTERLINE, UP TO 739 FT MSL. POLE, TERRAIN AND FENCES BEGINNING 2449 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/769 FT MSL. TERRAIN BEGINNING 2497 FT FROM DER, 109 FT LEFT OF CENTERLINE, UP TO 742 FT MSL. TRAVERSE WAY 2554 FT FROM DER, 531 FT LEFT OF CENTERLINE, 744 FT MSL. TREES, TERRAIN, TRAVERSE WAY AND POLES BEGINNING 2608 FT FROM DER, 25 FT LEFT OF CENTERLINE, UP TO 779 FT MSL. TREE, TERRAIN AND POLE BEGINNING 2846 FT FROM DER, 169 FT RIGHT OF CENTERLINE, UP TO 782 FT MSL. TREE, TERRAIN, POLE AND LIGHTING BEGINNING 2983 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 800 FT MSL. TREE AND FENCE BEGINNING 3007 FT FROM DER, 47 FT RIGHT OF CENTERLINE, UP TO 788 FT MSL. TREES AND TERRAIN BEGINNING 3071 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 800 FT MSL. POLE AND TERRAIN BEGINNING 3220 FT FROM DER, 410 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/811 FT MSL. TREE AND TERRAIN BEGINNING 3308 FT FROM DER, 236 FT RIGHT OF CENTERLINE, UP TO 809 FT MSL. TREES, TERRAIN AND POLE BEGINNING 3320 FT FROM DER, 96 FT LEFT OF CENTERLINE, UP TO 816 FT MSL. TREES, TERRAIN AND FENCES BEGINNING 3529 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 810 FT MSL. TREE, TERRAIN AND POLE BEGINNING 3567 FT FROM DER, 154 FT LEFT OF CENTERLINE, UP TO 832 FT MSL. TREES, TERRAIN AND POLE BEGINNING 3717 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 841 FT MSL. TREES AND TERRAIN BEGINNING 3978 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 865 FT MSL. TREES AND POLES BEGINNING 4099 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 870 FT MSL. TREES BEGINNING 5066 FT FROM DER, 518 FT LEFT OF CENTERLINE, UP TO 878 FT MSL. TREE 5192 FT FROM DER, 1364 FT LEFT OF CENTERLINE, 883 FT MSL. TREES BEGINNING 5202 FT FROM DER, 973 FT LEFT OF CENTERLINE, UP TO 884 FT MSL. TOWER, TREES, TERRAIN AND POLE BEGINNING 5260 FT FROM DER, 62 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/897 FT MSL. TREES BEGINNING 5916 FT FROM DER, 159 FT RIGHT OF CENTERLINE, UP TO 814 FT MSL. TREES BEGINNING 1 NM FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 822 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 1745 FT LEFT OF CENTERLINE, UP TO 901 FT MSL. TREE 1.6 NM FROM DER, 2148 FT LEFT OF CENTERLINE, 913 FT MSL.

NOTE: RWY 18: TERRAIN 372 FT FROM DER, 543 FT RIGHT OF CENTERLINE, 648 FT MSL. TERRAIN BEGINNING 536 FT FROM DER, 453 FT RIGHT OF CENTERLINE, UP TO 672 FT MSL. POLES, TRAVERSE WAYS AND TREES BEGINNING 771 FT FROM DER, 58 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/701 FT MSL. TREES AND POLE BEGINNING 1084 FT FROM DER, 125 FT RIGHT OF CENTERLINE, UP TO 686 FT MSL. TREES BEGINNING 1220 FT FROM DER, 96 FT RIGHT OF CENTERLINE, UP TO 690 FT MSL. TREES BEGINNING 1330 FT FROM DER, 209 FT RIGHT OF CENTERLINE, UP TO 695 FT MSL. TREES AND POLES BEGINNING 1367 FT FROM DER, ON CENTERLINE, UP TO 704 FT MSL. TREES AND POLE BEGINNING 1640 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 704 FT MSL. TREES AND POLE BEGINNING 1674 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 709 FT MSL. TREES AND POLES BEGINNING 1767 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/717 FT MSL. TREES, SIGN AND POLE BEGINNING 2148 FT FROM DER, 218 FT LEFT OF CENTERLINE, UP TO 724 FT MSL. TOWER AND TREES BEGINNING 2546 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/749 FT MSL. TREE 2813 FT FROM DER, 167 FT RIGHT OF CENTERLINE, 724 FT MSL. TREES BEGINNING 2824 FT FROM DER, 199 FT RIGHT OF CENTERLINE, UP TO 730 FT MSL. TREES BEGINNING 2958 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 732 FT MSL. SPIRE 4511 FT FROM DER, 1449 FT RIGHT OF CENTERLINE, 126 FT AGL/753 FT MSL. TRANSMISSION LINES AND TREES BEGINNING 4715 FT FROM DER, 1068 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/802 FT MSL. TREES BEGINNING 4969 FT FROM DER, 1024 FT LEFT OF CENTERLINE, UP TO 803 FT MSL. TREES BEGINNING 5057 FT FROM DER, 1185 FT LEFT OF CENTERLINE, UP TO 809 FT MSL. TREES AND TRANSMISSION LINE, POLE BEGINNING 5168 FT FROM DER, 221 FT LEFT OF CENTERLINE, UP TO 813 FT MSL. ANTENNA 5409 FT FROM DER, 1145 FT RIGHT OF CENTERLINE, 110 FT AGL/774 FT MSL. TREES BEGINNING 5581 FT FROM DER, 454 FT LEFT OF CENTERLINE, UP TO 819 FT MSL. TREE 5591 FT FROM DER, 48 FT RIGHT OF CENTERLINE, 781 FT MSL. TREES AND TRANSMISSION LINE BEGINNING 5680 FT FROM DER, 254 FT LEFT OF CENTERLINE, UP TO 837 FT MSL. TREE 5757 FT FROM DER, 562 FT RIGHT OF CENTERLINE, 782 FT MSL. TREES, BUILDING AND

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TRANSMISSION LINE BEGINNING 5812 FT FROM DER, 58 FT LEFT OF CENTERLINE, UP TO 838 FT MSL. TREE 5993 FT FROM DER, 17 FT RIGHT OF CENTERLINE, 787 FT MSL. TREES AND TRANSMISSION LINES BEGINNING 5997 FT FROM DER, 299 FT LEFT OF CENTERLINE, UP TO 842 FT MSL. TREES AND POLES BEGINNING 1 NM FROM DER, 819 FT LEFT OF CENTERLINE, UP TO 844 FT MSL. TRANSMISSION LINE 1.1 NM FROM DER, 2018 FT LEFT OF CENTERLINE, 129 FT AGL/891 FT MSL. POLES, TREES AND TRANSMISSION LINE BEGINNING 1.1 NM FROM DER, 321 FT LEFT OF CENTERLINE, UP TO 126 FT AGL/893 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 703 FT LEFT OF CENTERLINE, UP TO 897 FT MSL. TREE 1.2 NM FROM DER, 560 FT RIGHT OF CENTERLINE, 826 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 906 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 220 FT RIGHT OF CENTERLINE, UP TO 843 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 60 FT RIGHT OF CENTERLINE, UP TO 864 FT MSL. TREES AND POLE BEGINNING 1.3 NM FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 971 FT MSL. TREES, BUILDING, AND POLE BEGINNING 1.4 NM FROM DER, 800 FT LEFT OF CENTERLINE, UP TO 1041 FT MSL. TREES, POLES, TRANSMISSION LINE, TANK AND WATER TOWER BEGINNING 1.5 NM FROM DER, 426 FT LEFT OF CENTERLINE, UP TO 1139 FT MSL. TOWER, ANTENNA, TREES, POLE AND BUILDINGS BEGINNING 1.7 NM FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 150 FT AGL/1219 FT MSL. TREE 1.7 NM FROM DER, 203 FT RIGHT OF CENTERLINE, 925 FT MSL. TREES BEGINNING 1.8 NM FROM DER, 94 FT RIGHT OF CENTERLINE, UP TO 1017 FT MSL. BUILDINGS AND TREES BEGINNING 1.9 NM FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 1106 FT MSL. TREE 2 NM FROM DER, 1019 FT RIGHT OF CENTERLINE, 1120 FT MSL. TREES BEGINNING 2 NM FROM DER, 127 FT RIGHT OF CENTERLINE, UP TO 1134 FT MSL. TREES, POLE, BUILDINGS AND TOWERS BEGINNING 2.1 NM FROM DER, 423 FT RIGHT OF CENTERLINE, UP TO 1167 FT MSL. TOWERS, TREES, WATER TOWER, ANTENNA AND BUILDING BEGINNING 2.2 NM FROM DER, 807 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/1172 FT MSL.

NOTE: RWY 24: LIGHTING 7 FT FROM DER, 5 FT RIGHT OF CENTERLINE, 1 FT AGL/604 FT MSL. LIGHTING 7 FT FROM DER, 5 FT LEFT OF CENTERLINE, 2 FT AGL/604 FT MSL. TREE 991 FT FROM DER, 561 FT LEFT OF CENTERLINE, 642 FT MSL. TREES BEGINNING 1057 FT FROM DER, 648 FT LEFT OF CENTERLINE, UP TO 663 FT MSL. TREE AND SIGN BEGINNING 1610 FT FROM DER, 757 FT LEFT OF CENTERLINE, UP TO 673 FT MSL. TREE 2636 FT FROM DER, 1172 FT LEFT OF CENTERLINE, 690 FT MSL.

NOTE: RWY 36: TRAVERSE WAY, FENCES, TERRAIN AND TREE BEGINNING 159 FT FROM DER, 505 FT RIGHT OF CENTERLINE, UP TO 16 FT AGL/661 FT MSL. TERRAIN 192 FT FROM DER, 493 FT LEFT OF CENTERLINE, 653 FT MSL. TREE 326 FT FROM DER, 528 FT LEFT OF CENTERLINE, 682 FT MSL. TREES, TERRAIN, POLES, FENCES AND VEGETATION BEGINNING 467 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 726 FT MSL. TREE 576 FT FROM DER, 532 FT LEFT OF CENTERLINE, 696 FT MSL. TREES AND TERRAIN BEGINNING 792 FT FROM DER, 215 FT LEFT OF CENTERLINE, UP TO 728 FT MSL. TREES AND TERRAIN BEGINNING 986 FT FROM DER, 122 FT LEFT OF CENTERLINE, UP TO 729 FT MSL. TREES BEGINNING 1332 FT FROM DER, 106 FT LEFT OF CENTERLINE, UP TO 745 FT MSL. TREES, POLE AND TRAVERSE WAY BEGINNING 1378 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 750 FT MSL. TREES AND TERRAIN BEGINNING 1632 FT FROM DER, 82 FT LEFT OF CENTERLINE, UP TO 768 FT MSL. TREE, TERRAIN AND VEGETATION BEGINNING 1921 FT FROM DER, 76 FT RIGHT OF CENTERLINE, UP TO 738 FT MSL. TERRAIN BEGINNING 2189 FT FROM DER, 433 FT RIGHT OF CENTERLINE, UP TO 753 FT MSL. TREES AND TERRAIN BEGINNING 2331 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 785 FT MSL. TERRAIN AND TREE BEGINNING 2444 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 772 FT MSL. TERRAIN BEGINNING 2714 FT FROM DER, 356 FT LEFT OF CENTERLINE, UP TO 775 FT MSL. TREES, VEGETATION, TERRAIN AND POLES BEGINNING 2816 FT FROM DER, ON CENTERLINE, UP TO 839 FT MSL. TREES, TERRAIN AND POLES BEGINNING 2877 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 846 FT MSL. TREES AND TERRAIN BEGINNING 3808 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 870 FT MSL. TREES, TERRAIN AND POLE BEGINNING 4114 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 872 FT MSL. TREES BEGINNING 4345 FT FROM DER, 864 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/875 FT MSL. TREES, TERRAIN, BUILDING AND POLES BEGINNING 4427 FT FROM DER, ON CENTERLINE, UP TO 879 FT MSL. TREES AND TRAVERSE WAY BEGINNING 5381 FT FROM DER, 183 FT LEFT OF CENTERLINE, UP TO 852 FT MSL. TREE 5435 FT FROM DER, 1013 FT LEFT OF CENTERLINE, 861 FT MSL. TREE AND POLES BEGINNING 5465 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 864 FT MSL. TREES, POLES AND TRAVERSE WAY BEGINNING 5529 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 870 FT MSL. TREES BEGINNING 5653 FT FROM DER, 320 FT LEFT OF CENTERLINE, UP TO 874 FT MSL. TREES, VEGETATION, POLE, TRAVERSE WAY AND BUILDING BEGINNING 5707 FT FROM DER, 143 FT LEFT OF CENTERLINE, UP TO 879 FT MSL. TREES AND TRAVERSE WAY BEGINNING 5913 FT FROM DER, 175 FT LEFT OF CENTERLINE, UP TO 887 FT MSL. TREES, TOWER, TRAVERSE WAY, POLE, TERRAIN AND BUILDING BEGINNING 1 NM FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 908 FT MSL. TREES AND POLES BEGINNING 1.1 NM FROM DER, 1193 FT RIGHT OF CENTERLINE, UP TO 907 FT MSL. TREE 1.7 NM FROM DER, 262 FT LEFT OF CENTERLINE, 109 FT AGL/919 FT MSL.

CONTROLLING OBSTACLES:

RWY 6: 865 FT MSL TREE 333458.54N/0864351.63W (CLIMB GRADIENT), 1479 FT MSL AAO 333600.83N/0864002.53W (CLIMB-TO ALTITUDE/CLIMB GRADIENT), 913 FT MSL TREE 333538.98N/0864256.20W (CEILING/VISIBILITY).

RWY 18: 1219 FT MSL TOWER 333131.00N/0864430.00W (CLIMB GRADIENT/CLIMB-TO ALTITUDE/CEILING), 1079 FT MSL TREE 333042.01N/0864539.23W (VISIBILITY), 1066 FT MSL TREE 333040.96N/0864535.19W (CLIMB GRADIENT), 1199 FT MSL AAO 332951.60N/0864340.14W (CLIMB-TO ALTITUDE).

RWY 24: 1049 FT MSL BUILDING 333104.00N/0864830.00W.

RWY 36: 846 FT MSL TREE 333452.04N/0864504.13W (CLIMB GRADIENT), 870 FT MSL TREE 333501.24N/0864433.15W (CLIMB-TO ALTITUDE), 919 FT MSL TREE 333610.19N/0864452.92W (CEILING/VISIBILITY).

RWY 6, 18 (VCOA): 2049 FT MSL TOWER 332925.00N/0864748.00W, 1444 FT MSL TOWER 333343.50N/0864206.50W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 6: 1444 FT MSL TOWER 333343.50N/0864206.50W, RWY 18, 24 AND 36: 2049 FT MSL TOWER 332925.00N/0864748.00W.



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REMARKS:

FLIGHT INSPECTED BY:	<i>Digitally signed by</i> ADOLFO D URRUTIA Mar 12, 2018	OFFICE SYMBOL: FICO	DATE: 3/9/18
MARC J HINCK			
DEVELOPED BY:	<i>Digitally signed by</i> ADOLFO D URRUTIA Mar 12, 2018	OFFICE SYMBOL: AJV-5433	DATE: 09/27/2017
BEV BORDY (CHRISTINE BAYSE)			
APPROVED BY:	<i>Digitally signed by</i> ADOLFO D URRUTIA Mar 12, 2018	OFFICE SYMBOL: AJV-5430	DATE:
PATRICK MULQUEEN			

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZTL, BHM APP CON, BHM ATCT, ARPT MGR, HQ ANG/ZOBR, EASTERN FPT.

CHANGES - REASONS:

1. UPDATED RWY 6 TAKEOFF MINIMUMS FROM "300-1 3/4 WITH MINIMUM CLIMB OF 279 FT PER NM TO 1800 OR STANDARD WITH MINIMUM CLIMB OF 421 FT PER NM TO 1300" TO "300-2 WITH MINIMUM CLIMB OF 285 FT PER NM TO 1800 OR STANDARD WITH MINIMUM CLIMB OF 435 FT PER NM TO 1300". - NEW CONTROLLING OBSTACLES.
2. UPDATED RWY 18 TAKEOFF MINIMUMS FROM 600-3 WITH MINIMUM CLIMB OF 215 FT PER NM TO 1400 OR STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 1500" TO "600-3 WITH MINIMUM CLIMB OF 225 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 455 FT PER NM TO 1500". - NEW CONTROLLING OBSTACLES.
3. UPDATED RWY 24 TAKEOFF MINIMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 271 FT PER NM TO 1400" TO "STANDARD WITH MINIMUM 280 FT PER NM TO 1400".- NEW CONTROLLING OBSTACLES.
4. UPDATED RWY 36 TAKEOFF MINIMUMS FROM "300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 1000" TO "300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 565 FT PER NM TO 1000".- NEW CONTROLLING OBSTACLES.
5. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS.- NEW SURVEY.
6. UPDATED CONTROLLING OBSTACLES.- NEW SURVEYED OBSTACLES.

1/26/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 9/27/17.

1. UPDATED RWY 6 TAKEOFF MINIMUMS FROM "300-2 WITH MINIMUM CLIMB OF 285 FT PER NM TO 1800 OR STANDARD WITH MINIMUM CLIMB OF 435 FT PER NM TO 1300" TO "300-2 WITH MINIMUM CLIMB OF 285 FT PER NM TO 1800 OR STANDARD WITH MINIMUM CLIMB OF 435 FT PER NM TO 1300 OR 1800-3 FOR VCOA" PER 8260.46 2-1-1.
2. UPDATED RWY 18 TAKEOFF MINIMUMS FROM "600-3 WITH MINIMUM CLIMB OF 225 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 455 FT PER NM TO 1500" TO "600-3 WITH MINIMUM CLIMB OF 225 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 455 FT PER NM TO 1500 OR 1800-3 FOR VCOA" PER 8260.46 2-1-1.
3. ADDED VISUAL CLIMB OVER AIRPORT "RWY 6, 18: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BIRMINGHAM-SHUTTLESWORTH INTL AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE" PER 8260.46 2-1-1.
4. ADDED VCOA CONTROLLING OBSTACLES.
5. REMOVED REMARK "ATC REQUESTS TO OPT OUT OF VCOA DEVELOPMENT".

