



08185

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME TAKE-OFF MINIMUMS

ABERDEEN/AMORY, MS

MONROE COUNTY

NOTE: **Rwy 18**, pole 460' from departure end of runway, 365' left of centerline, 25' AGL/254' MSL. Trees beginning 7' from departure end of runway, 61' left of centerline, up to 100' AGL/310' MSL. Trees beginning 839' from departure end of runway, 83' right of centerline, up to 116' AGL/316' MSL. **Rwy 36**, trees beginning 241' from departure end of runway, 490' left of centerline, up to 83' AGL/303' MSL. Trees beginning 27' from departure end of runway, 426' right of centerline, up to 92' AGL/312' MSL. Tree 3078' from departure end of runway, 276' right of centerline, 81' AGL/301' MSL.

ALEXANDRIA, LA

ALEXANDRIA INTL

NOTE: **Rwy 18**, multiple trees and bush beginning 897' from departure end of runway, 210' right of centerline, up to 83' AGL/173' MSL. Multiple trees and fence beginning 91' from departure end of runway, 326' left of centerline, up to 80' AGL/167' MSL. **Rwy 32**, multiple trees beginning 1537' from departure end of runway, 662' right of centerline, up to 80' AGL/162' MSL. **Rwy 36**, multiple trees beginning 1298' from departure end of runway, 25' left of centerline, up to 90' AGL/170' MSL. Multiple trees beginning 1340' from departure end of runway, 155' right of centerline, up to 90' AGL/169' MSL. Antenna, 5041' from departure end of runway, 793' left of centerline, 140' AGL/216' MSL.

NAME TAKE-OFF MINIMUMS

ALEXANDRIA, LA (CON'T)

ESLER RGNL

NOTE: **Rwy 8**, tree 1223' from departure end of runway, 928' right of centerline, 73' AGL/163' MSL. **Rwy 14**, tree 928' from departure end of runway, 606' left of centerline, 72' AGL/160' MSL. Tree 942' from departure end of runway, 642' right of centerline, 78' AGL/166' MSL. **Rwy 32**, tree 1959' from departure end of runway, 940' left of centerline, 111' AGL/223' MSL. Tree 1862' from departure end of runway, 812' right of centerline, 103' AGL/215' MSL.

BASTROP, LA

MOREHOUSE MEMORIAL

NOTE: **Rwy 34**, powerlines 1700' from departure end of runway, 70' AGL/214' MSL.

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BATESVILLE, MS

PANOLA COUNTY

TAKE-OFF MINIMUMS: **Rwy 1**, 300-1½ or std. w/ min. climb of 259' per NM to 500. **Rwy 19**, 200-1¼ or std. w/ min. climb of 370' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 1**, climb heading 008° to 800 before turning left. **Rwy 19**, climb heading 188° to 1000 before turning right.

NOTE: **Rwy 1**, multiple trees beginning 74' from departure end of runway, 97' left of centerline, up to 100' AGL/439' MSL. Multiple trees beginning 130' from departure end of runway, 52' right of centerline, up to 100' AGL/420' MSL. **Rwy 19**, pole and road with vehicle beginning 49' from departure end of runway, 499' left of centerline, up to 23' AGL/252' MSL. Terrain 17' from departure end of runway, 37' left of centerline, 263' MSL. Multiple trees beginning 452' from departure end of runway, 106' left of centerline, up to 100' AGL/409' MSL. Terrain 59' from departure end of runway, 210' right of centerline, 224' MSL. Multiple trees beginning 1236' from departure end of runway, 39' right of centerline, up to 100' AGL/399' MSL.

BATON ROUGE, LA

BATON ROUGE METROPOLITAN, RYAN FIELD

DEPARTURE PROCEDURE: **Rwys 22L/R**, climb runway heading to 2000 before turning left or comply with radar vectors.

NOTE: **Rwy 4L**, 97' AGL tree 1368' from departure end of runway, 778' left of centerline. **Rwy 13**, 82' AGL tree 1551' from departure end of runway, 838' left of centerline. **Rwy 22R**, 94' AGL antenna 1173' from departure end of runway, 740' right of centerline.

CAUTION: Unmarked balloon and cable to 15,000 in R-3807. **Rwy 4L**, 209°/51.4 NM, **Rwy 4R**, 209°/51.2 NM. **Rwy 13**, 209°/50.7 NM, **Rwy 31**, 208°/50.9 NM. **Rwy 22L**, 209°/50.6 NM, **Rwy 22R**, 209°/50.3 NM.

BOGALUSA, LA

GEORGE R. CARR MEMORIAL AIR FIELD

TAKE-OFF MINIMUMS: **Rwy 18**, 800-3 or std. with a min. climb of 220' per NM to 800. **Rwy 36**, 200-2.

BOONEVILLE/BALDWYN, MS

BOONEVILLE/BALDWYN

NOTE: **Rwy 15**, trees 1250' from departure end of runway, 100' right of centerline, 100' AGL/465' MSL. Trees 3847' from departure end of runway, 127' left of centerline, 100' AGL/519' MSL. **Rwy 33**, road and vehicle 8' from departure end of runway, 188' right of centerline, 15' AGL/394' MSL.

BROOKHAVEN, MS

BROOKHAVEN-LINCOLN COUNTY

TAKE-OFF MINIMUMS: **Rwy 22**, 500-1.
DEPARTURE PROCEDURE: **Rwy 4**, climb runway heading to 900 before turning.

CLEVELAND, MS

CLEVELAND MUNI

TAKE-OFF MINIMUMS: **Rwys 8, 26**, NA.
DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 600 before turning.

COLUMBIA, MS

COLUMBIA-MARION COUNTY (0R0)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwys 13, 31**, NA-obstacles.
DEPARTURE PROCEDURE: **Rwy 23**, climb heading 234° to 800 before turning left.

NOTE: **Rwy 5**, trees beginning 175' from departure end of runway, 414' right of centerline, up to 100' AGL/379' MSL. **Rwy 23**, vehicle on road beginning 133' from departure end of runway, 46' right of centerline, 17' AGL/266' MSL. Tree and house beginning 227' from departure end of runway, 240' right of centerline, up to 100' AGL/349' MSL. Trees beginning 357' from departure end of runway, 273' left of centerline, up to 100' AGL/349' MSL.

COLUMBUS, MS

COLUMBUS-LOWNDES COUNTY

TAKE-OFF MINIMUMS: **Rwy 18**, 300-1 or std. with a min. climb of 350' per NM to 500. **Rwy 36**, 400-1 or std. with a min. climb of 370' per NM to 500.

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb runway heading to 600 before turning.

COLUMBUS AFB (KCBM)

COLUMBUS, MS.....08157

All **Rwys**: Cross DER at least 35' AGL.

TAKE-OFF OBSTACLES: **Rwy 13C**, Trees 288' MSL/74' AGL 2967' from DER 1010' left of centerline. Trees 288' MSL/74' AGL 3005' from DER, 223' right of centerline. **Rwy 31R**, Ramp lights 273' MSL/69' AGL 2795' from DER 766' right of centerline. Taxisting aircraft 199' MSL/14' AGL 80' from DER 472' left of centerline.

COLUMBUS/WESTPOINT/STARKVILLE, MS

GOLDEN TRIANGLE RGNL

NOTE: **Rwy 18**, tree 2025' from departure end of runway, 1019' left of centerline, 78' AGL/315' MSL. Tree 108' from departure end of runway, 295' right of centerline, 15' AGL/262' MSL. **Rwy 36**, tree 626' from departure end of runway, 579' right of centerline, 38' AGL/285' MSL. Tree 122' from departure end of runway, 268' left of centerline, 23' AGL/270' MSL. Tree 525' from departure end of runway, 592' right of centerline, 26' AGL/279' MSL.

CORINTH, MS

ROSCOE TURNER (CRX)

ORIG 08045 (FAA)

NOTE: **Rwy 18**, Vehicle on road 207' from departure end of runway, 481' right of centerline, 15' AGL/446' MSL. Trees 305' from departure end of runway, 451' left of centerline, up to 71' AGL/500' MSL. Trees 633' from departure end of runway, 505' right of centerline, up to 79' AGL/520' MSL. **Rwy 36**, Trees 1099' from departure end of runway, 766' right of centerline, up to 86' AGL/480' MSL. Trees 1645' from departure end of runway, 751' left of centerline, up to 86' AGL/480' MSL.

DERIDDER, LA

BEAUREGARD RGNL

NOTE: **Rwy 32**, tree 251' from departure end of runway, 530' left of centerline, 70' AGL/248' MSL.

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EUNICE, LA**EUNICE**

TAKE-OFF MINIMUMS: **Rwy 16**, 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 280' per NM to 2400. **Rwy 34**, 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 220' per NM to 2400.

CAUTION: Unmarked balloon and cable to 15000 in R-3807. **Rwy 16**, 133°/56.1 NM. **Rwy 34**, 132°/55.4 NM.

GONZALES, LA**LOUISIANA RGNL**

TAKE-OFF MINIMUMS: **Rwy 35**, 400-2 or std. with a min. climb of 220' per NM to 400.

GREENVILLE, MS**MID DELTA RGNL**

DEPARTURE PROCEDURE: **Rwys 18L, 18R**, climb runway heading to 800 before turning.

NOTE: **Rwy 27**, 64' AGL tree 812' from departure end of runway, 392' left of centerline. 91' AGL tree, 2027' from departure end of runway, 460' right of centerline.

GREENWOOD, MS**GREENWOOD-LE FLORE**

TAKE-OFF MINIMUMS: **Rwy 5**, 400-1 or std. with a min. climb of 270' per NM to 400.

GRENADA, MS**GRENADA MUNI**

DEPARTURE PROCEDURE: **Rwys 4, 31**, climb to 700 before turning on course. **Rwys 13, 22**, climb to 800 before turning on course.

GULFPORT, MS**GULFPORT-BILOXI INTL**

TAKE-OFF MINIMUMS: **Rwy 18**, 200-1 ¼ or std. with a min. climb of 212' per NM to 300. **Rwy 36**, std. with a min. climb of 442' per NM to 300, or 300-1 with a min. climb of 234' per NM to 700, or 800-2 ½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 36**, for climb in visual conditions: Cross Gulfport-Biloxi Intl Airport at or above 800 before proceeding on course.

NOTES: **Rwy 14**, tree 1934' from departure end of runway, 628' left of centerline, 80' AGL/90' MSL. Pole 3399' from departure end of runway, 1068' right of centerline, 85' AGL/115' MSL. **Rwy 18**, multiple trees and antenna beginning 1562' from departure end of runway, 68' left of centerline, up to 165' AGL/172' MSL. Multiple trees beginning 926' from departure end of runway, 4' right of centerline, up to 49' AGL/66' MSL. **Rwy 32**, multiple trees beginning 1932' from departure end of runway, 899' left of centerline, up to 80' AGL/86' MSL. Tree 1624' from departure end of runway, 843' right of centerline 80' AGL/93' MSL. **Rwy 36**, multiple trees beginning 1391' from departure end of runway, 43' right of centerline, up to 78' AGL/93' MSL. Crane 3263' from departure end of runway, 38' right of centerline, 180' AGL/189' MSL. Tree 1592' from departure end of runway, 348' left of centerline, 75' AGL/92' MSL.

HAMMOND, LA**HAMMOND NORTHSORE RGNL**

TAKE-OFF MINIMUMS: **Rwy 31**, 600-2 or std. with a min. climb rate of 210' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 31**, climb runway heading to 800 prior to turning west.

HATTIESBURG, MS**HATTIESBURG BOBBY L. CHAIN MUNI**

DEPARTURE PROCEDURE: **Rwy 31**, climb heading 309° to 900 before turning west.

NOTE: **Rwy 13**, numerous trees beginning 1184' from departure end of runway, 26' left and right of centerline, up to 100' AGL/244' MSL. **Rwy 31**, numerous trees beginning 194' from departure end of runway, 70' left and right of centerline, up to 100' AGL/253' MSL.

HATTIESBURG/LAUREL, MS**HATTIESBURG-LAUREL RGNL**

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb runway heading to 1000 before turning east.

NOTE: **Rwy 36**, 86' AGL tree 2117' from departure end of runway, 911' left of centerline.

HOLLY SPRINGS, MS**HOLLY SPRINGS-MARSHALL COUNTY**

DEPARTURE PROCEDURE: **Rwy 36**, climb runway heading to 800 before turning left.

HOMER, LA**HOMER MUNI (5F4)****ORIG 08157 (FAA)**

NOTE: **Rwy 12**, road and vehicle 69' from departure end of runway, 280' left of centerline, 15' AGL/234' MSL, trees beginning 282' from departure end of runway, 419' right of centerline, up to 100' AGL/349' MSL. **Rwy 30**, trees beginning 443' from departure end of runway, 309' left of centerline, up to 100' AGL/319' MSL, road and vehicle 603' from departure end of runway, 217' right of centerline, 15' AGL/274' MSL, trees beginning 1180' from departure end of runway, 140' right of centerline, up to 100' AGL/359' MSL.

HOUMA, LA**HOUMA-TERREBONNE**

TAKE-OFF MINIMUMS: **Rwy 30**, 500-2 or std. with a min. climb of 220' per NM to 600.

INDIANOLA, MS**INDIANOLA MUNI**

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 2200 before turning east. **Rwy 35**, climb runway heading to 700 before turning east.

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JACKSON, MS**HAWKINS FIELD**TAKE-OFF MINIMUMS: **Rwy 16**, 300-1.DEPARTURE PROCEDURE: **Rwys 11, 34**, climb runway heading to 800 before making turn. **Rwy 16**, climb runway heading to 1300 before making right turn.**Rwy 29**, climb runway heading to 1200 before making left turn.**JACKSON-EVERS INTL**TAKE-OFF MINIMUMS: **Rwy 16R**, 300-1 or std. with a min. climb of 280' per NM to 700.**JENNINGS, LA****JENNINGS**TAKE-OFF MINIMUMS: **Rwy 13**, 300-1 or std. with a min climb of 352' per NM to 300. **Rwys 17, 35**, NA.NOTE: **Rwy 8**, multiple poles 1080' from departure end of runway, 260' left of centerline, 40' AGL/62' MSL.**Rwy 13**, tank 3428' from departure end of runway, 1072' right of centerline, 156' AGL/181' MSL. **Rwy 26**, trees 1080' from departure end of runway, 45' AGL/55' MSL.**Rwy 31**, fence 140' from departure end of runway, 15' AGL/32' MSL.**KEESLER AFB (KBIX),****BILOXI, MS 06019****Rwy 3, 21**, track rwy heading to 2000.TAKE-OFF OBSTACLES: **Rwy 3**: Numerous trees beginning 982' from DER through 2120' from DER, as close as 650' right of centerline and up to 114' MSL.**Rwy 21**: Numerous trees beginning 279' from DER through 3454' from DER, as close as 510' left of centerline and up to 119' MSL. Numerous trees beginning 1191' from DER through 4584' from DER, as close as 411' right of centerline and up to 140' MSL. Multiple power poles beginning 2709' from DER, as close as 205' left of centerline up to 113' MSL. Multiple power poles beginning 2330' from DER, as close as 210' right of centerline and up to 95' MSL.**KOSCIUSKO, MS****KOSCIUSKO-ATTALA COUNTY**NOTE: **Rwy 14**, trees 1054' from departure end of runway, 503' left of centerline, 100' AGL/559' MSL. Trees 1172' from departure end of runway, 555' right of centerline, 100' AGL/559' MSL. Terrain 18' from departure end of runway, 91' right of centerline, 473' MSL. Terrain 68' from departure end of runway, 485' right of centerline, 473' MSL. **Rwy 32**, trees 1676' from departure end of runway, 288' right of centerline, 100' AGL/619' MSL.

Trees 1341' from departure end of runway, 231' left of centerline, 100' AGL/609' MSL. Terrain 129' from departure end of runway, 139' right of centerline, 502' MSL. Terrain 182' from departure end of runway, 532' right of centerline, 493' MSL. Terrain 352' from departure end of runway, 344' right of centerline, 496' MSL. Terrain 79' from departure end of runway, 254' left of centerline, 486' MSL. Terrain 525' from departure end of runway, 156' right of centerline, 496' MSL. Terrain 302' from departure end of runway, 49' left of centerline, 489' MSL.

LAFAYETTE, LA**LAFAYETTE RGNL**TAKE-OFF MINIMUMS: **CAUTION**: Unmarked balloon and cable to 15000' MSL in R-3807. **Rwy 4L**, 141/29NM, **Rwy 4R**, 140/28.8NM, **Rwy 11**, 141/29.5NM, **Rwy 22L**, 143/29.2NM, **Rwy 22R**, 142/29.2NM, **Rwy 29**, 142/28.8NM.NOTE: **Rwy 4L**, multiple trees beginning 671' from departure end of runway, 307' left of centerline, up to 57' AGL/87' MSL. Obstruction light on windsock 155' from departure end of runway, 251' right of centerline, 38' AGL/58' MSL. **Rwy 4R**, multiple trees beginning 776' from departure end of runway, 111' left of centerline, up to 60' AGL/79' MSL. Multiple trees beginning 29' from departure end of runway, 269' right of centerline, up to 84' AGL/103' MSL. **Rwy 11**, multiple trees beginning 553' from departure end of runway 128' left of centerline, up to 81' AGL/91' MSL. Multiple trees beginning 523' from departure end of runway, 28' right of centerline, 72' AGL/82' MSL. **Rwy 22L**, multiple trees beginning 2392' from departure end of runway, 4' left of centerline, up to 75' AGL/114' MSL. Multiple trees beginning 1853' from departure end of runway, 247' right of centerline, up to 96' AGL/135' MSL. **Rwy 22R**, tower 2545' from departure end of runway, 26' left of centerline, 104' AGL/142' MSL. Multiple trees, buildings, obstruction lights and antenna beginning 153' from departure end of runway, 270' right of centerline, up to 103' AGL/142' MSL. **Rwy 29**, multiple trees, towers and pole beginning 925' from departure end of runway, 5' left of centerline, up to 110' AGL/150' MSL. Multiple trees, towers, poles and obstruction light on antenna beginning 99' from departure end of runway, 70' right of centerline, up to 130' AGL/165' MSL.**LAKE PROVIDENCE, LA****BYERLEY**NOTE: **Rwy 17**, tower 4466' from departure end of runway, 1602' right of centerline, 150' AGL/257' MSL.**LAUREL, MS****HESLER-NOBLE FIELD**DEPARTURE PROCEDURE: **Rwy 13**, climb runway heading to 500 before turning.**LEXINGTON, MS****C. A. MOORE**DEPARTURE PROCEDURE: **Rwy 19**, climb runway heading to 1000 before turning.**LOUISVILLE, MS****LOUISVILLE- WINSTON COUNTY**TAKE-OFF MINIMUMS: **Rwys 17, 19**, 500-1 or std. with a min. climb of 400' per NM to 800.DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 1000 before turning left.**MADISON, MS****BRUCE CAMPBELL FIELD**TAKE-OFF MINIMUMS: **Rwy 35**, 200-1.

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MANY, LA

HART (3R4)

ORIG-A 08185 (FAA)

TAKE-OFF MINIMUMS: **Rwy 12**, 600-3 or std. with a min. climb of 250' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 12**, climb heading 117° to 1100 before proceeding on course.

NOTE: **Rwy 12**, trees beginning 1' from departure end of runway, 594' left to 598' right of centerline, up to 100' AGL/385' MSL. Powerline/poles beginning 1198' from departure end of runway, 309' right of centerline, up to 58' AGL/354' MSL. **Rwy 30**, trees beginning 74' from departure end of runway, 781' left to 509' right of centerline, up to 100' AGL/391' MSL. Powerline/pole 484' from departure end of runway, 318' right of centerline, 62' AGL/358' MSL.

MARKS, MS

SELFS

DEPARTURE PROCEDURE: **Rwy 2**, climb runway heading to 700 before turning right.

MERIDIAN, MS

KEY FIELD

TAKE-OFF MINIMUMS: **Rwy 1**, 300-1 or std. w/ a min. climb of 290' per NM to 600. **Rwy 22**, 300-1½ or std. w/ a min. climb of 280' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 4**, climb via heading 043° to 1100 before turning south.

NOTE: **Rwy 1**, antenna, vent on tank, and numerous trees beginning 323' from departure end of runway, 98' right of centerline, up to 100' AGL/463' MSL. Interstate road and numerous trees beginning 1196' from departure end of runway, 1' left of centerline, up to 100' AGL/403' MSL.

Rwy 4, stack, tree and numerous light poles beginning 406' from departure end of runway, 278' right of centerline, up to 133' AGL/433' MSL. Fence, railing on tank, and light pole beginning 34' from departure end of runway, 253' left of centerline, up to 35' AGL/330' MSL.

Rwy 19, antenna and tree beginning 482' from departure end of runway, 570' left of centerline, up to 100' AGL/395' MSL. Tree 1894' from departure end of runway, 934' right of centerline, 100' AGL/380' MSL. **Rwy 22**, numerous trees beginning 1621' from departure end of runway, 304' right of centerline, up to 100' AGL/529' MSL. Numerous trees beginning 2479' from departure end of runway, 30' left of centerline, up to 100' AGL/457' MSL.

MERIDIAN NAS (MC CAIN FIELD) (KNMM)

MERIDIAN, MS 08017

..... Rwy 1R, 600-2*
* Or standard with a minimum climb of 240'/NM to 600.

TAKE-OFF OBSTACLES: **Rwy 1L**: 399' MSL trees, 4110' from DER, 1004' left of centerline. **Rwy 1R**: trees 6875' from DER, 2309' left of centerline, 75' AGL/499' MSL; trees 6005' from DER, 2051' left of centerline, 75' AGL/474' MSL; terrain 3127' from DER, 947' left of centerline, 399' MSL; terrain 2689' from DER, 1131' left of centerline, 399' MSL. **Rwy 10**: 414' MSL trees, 1519' from DER, 756' right of centerline. Trees 3700' from DER, 600' left of centerline, 75' AGL/414' MSL. **Rwy 19L**: 319' MSL trees, 1878' from DER, 400' left of centerline. **Rwy 19R**: 399' MSL trees, 9451' from DER, 1195' right of centerline. **Rwy 28**: 350' MSL trees, 1118' from DER, 391' left of centerline. Trees 1330' from DER, 12' right of centerline, 63' AGL/365' MSL.

MONROE, LA

MONROE RGNL

DEPARTURE PROCEDURE: **Rwy 22**, climb via heading 222° to 900 before turning west. **Rwy 32**, climb via heading 317° to 900 before turning west. **Rwy 36**, climb via heading 357° to 900 before turning west.

NOTE: **Rwy 4**, tree 3535' from departure end of runway, 1136' left of centerline, 98' AGL/177' MSL. Tree 995' from departure end of runway, 726' left of centerline, 66' AGL/142' MSL. Tree 2423' from departure end of runway, 903' right of centerline, 65' AGL/141' MSL. Tree 1765' from departure end of runway, 773' right of centerline, 44' AGL/120' MSL. **Rwy 14**, tree 1409' from departure end of runway, 770' left of centerline, 96' AGL/162' MSL. **Rwy 18**, tree 1614' from departure end of runway, 242' right of centerline, 68' AGL/137' MSL. Tree 1649' from departure end of runway, 45' right of centerline, 71' AGL/140' MSL. Tree 1659' from departure end of runway, 112' left of centerline, 77' AGL/146' MSL. Tree 1696' from departure end of runway, 619' left of centerline, 72' AGL/138' MSL. Tree 2149' from departure end of runway, 102' right of centerline, 76' AGL/145' MSL. **Rwy 22**, sign 99' from departure end of runway 459' right of centerline, 14' AGL/83' MSL. Tree 2613' from departure end of runway, 1052' right of centerline, 104' AGL/170' MSL. **Rwy 32**, tree 2361' from departure end of runway, 7' left of centerline, 77' AGL/160' MSL. Tree 1781' from departure end of runway, 342' right of centerline, 66' AGL/149' MSL. Tree 1709' from departure end of runway, 302' right of centerline, 78' AGL/161' MSL. Tree 2103' from departure end of runway, 325' left of centerline, 73' AGL/156' MSL. Light pole 384' from departure end of runway, 491' left of centerline, 18' AGL/97' MSL. **Rwy 36**, antenna 3728' from departure end of runway, 599' right of centerline, 107' AGL/190' MSL. Tower 3526' from departure end of runway, 478' right of centerline, 100' AGL/179' MSL. Tree 2756' from departure end of runway, 129' right of centerline, 68' AGL/151' MSL.

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NATCHEZ, MS

HARDY-ANDERS FIELD NATCHEZ-ADAMS
COUNTY (HEZ)
ORIG 07354 (FAA)

NOTE: **Rwy 13**, multiple trees beginning 1445' from departure end of runway, 226' left of centerline, up to 101' AGL/380' MSL. Multiple trees beginning 17' from departure end of runway, 301' right of centerline, up to 99' AGL/334' MSL. **Rwy 18**, multiple trees beginning 1060' from departure end of runway, 162' left of centerline, up to 93' AGL/372' MSL. Multiple trees beginning 788' from departure end of runway, 374' right of centerline, up to 90' AGL/369' MSL. **Rwy 31**, multiple trees beginning 1320' from departure end of runway, 736' left of centerline, up to 105' AGL/364' MSL. Trees 2129' from departure end of runway, 813' right of centerline, 81' AGL/340' MSL. **Rwy 36**, multiple trees beginning 935' from departure end of runway, 327' left of centerline, up to 47' AGL/306' MSL. Trees 473' from departure end of runway, 517' right of centerline, 79' AGL/338' MSL.

NATCHITOCHEs, LA

NATCHITOCHEs RGNL

TAKE-OFF MINIMUMS: **Rwy 25**, 300-2 or std. with a min. climb of 270' per NM to 500. **Rwy 35**, 400-1.

NEW ALBANY, MS

NEW ALBANY-UNION COUNTY

TAKE-OFF MINIMUMS: **Rwy 18**, std. w/ min. climb of 245' per NM to 900, or 500-2½ w/ min. climb of 207' per NM to 1000, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway, or 800-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 18**, for climb in visual conditions: Cross New Albany-Union County airport at or above 1100 before proceeding on course.

NOTE: **Rwy 18**, multiple trees beginning 146' from departure end of runway, 158' left of centerline, up to 100' AGL/519' MSL. Multiple trees beginning 387' from departure end of runway, 565' right of centerline, up to 100' AGL/499' MSL. **Rwy 36**, multiple trees beginning 467' from departure end of runway, 524' left of centerline, up to 100' AGL/499' MSL. Multiple trees beginning 2000' from departure end of runway, on centerline, up to 100' AGL/546' MSL.

NEWIBERIA, LA

ACADIANA RGNL

TAKE-OFF MINIMUMS: CAUTION: Unmarked balloon and cable up to 15000' in R-3807. **Rwy 16**, 138/17.2 NM. **Rwy 34**, 136/17.2 NM.

NOTE: **Rwy 16**, trees 41' from departure end of runway, 497' right of centerline, 12' AGL/32' MSL.

NEW ORLEANS, LA

LAKEFRONT

DEPARTURE PROCEDURE: **Rwys 18L/R**, climb to 1500 before turning left or comply with RADAR vectors. **Rwy 9**, climb to 1500 before turning right, or comply with RADAR vectors.

NEW ORLEANS, LA (CON'T)

LOUIS ARMSTRONG NEW ORLEANS INTL

NOTE: **Rwy 1**, multiple vehicles on roads beginning 3' from departure end of runway, 437' right of centerline, up to 26' AGL/28' MSL. Multiple trees beginning 493' from departure end of runway, 542' right of centerline, up to 38' AGL/40' MSL. Multiple poles beginning 831' from departure end of runway, 583' left of centerline, up to 34' AGL/36' MSL. Multiple signs beginning 906' from departure end of runway, 235' right of centerline, up to 49' AGL/51' MSL. Multiple buildings beginning 1369' from departure end of runway, 679' right of centerline, up to 48' AGL/50' MSL. Multiple trees beginning 1555' from departure end of runway, 574' left of centerline up to 45' AGL/47' MSL. Antenna 1888' from departure end of runway, 692' right of centerline, 49' AGL/51' MSL. Obstruction light 1822' from departure end of runway, 834' right of centerline, 64' AGL/66' MSL. Crane 2412' from departure end of runway, 487' left of centerline, 81' AGL/83' MSL. **Rwy 6**, multiple trees beginning 727' from departure end of runway, 314' right of centerline, up to 62' AGL/63' MSL. Multiple trees beginning 1883' from departure end of runway, 717' left of centerline, up to 58' AGL/59' MSL. Building 2887' from departure end of runway, 553' right of centerline, 105' AGL/105' MSL. **Rwy 10**, obstruction light 623' from departure end of runway, 620' right of centerline, 21' AGL/25' MSL. Pole 936' from departure end of runway, 663' right of centerline, 25' AGL/29' MSL. Multiple trees beginning 1051' from departure end of runway, 37' left of centerline, up to 96' AGL/100' MSL. Multiple trees beginning 1919' from departure end of runway, 157' right of centerline, up to 81' AGL/85' MSL. **Rwy 19**, vehicle on road 201' from departure end of runway, 458' left of centerline, 29' AGL/30' MSL. Sign 708' from departure end of runway, 688' left of centerline, 38' AGL/39' MSL. Rod on building 664' from departure end of runway, 249' left of centerline, 23' AGL/24' MSL. Pole 1124' from departure end of runway, 635' left of centerline, 31' AGL/32' MSL. Multiple poles beginning 1358' from departure end of runway, 420' right of centerline, up to 46' AGL/47' MSL. Tree 2057' from departure end of runway, 881' left of centerline, 67' AGL/68' MSL. Multiple trees beginning 2604' from departure end of runway, 622' right of centerline, up to 85' AGL/86' MSL. Ship 4166' from departure end of runway, on centerline, 152' AGL/153' MSL. **Rwy 24**, obstruction light 2973' from departure end of runway, 415' left of centerline, 89' AGL/89' MSL. **Rwy 28**, tree 1265' from departure end of runway, 748' left of centerline, 58' AGL/59' MSL. Multiple trees beginning 1541' from departure end of runway, 550' right of centerline, up to 65' AGL/66' MSL.

NEW ORLEANS NAS JRB (ALVIN CALLENDER FLD) (KNBG)

NEW ORLEANS, LA

..... Rwy 14, 300-2*

* Or standard with minimum climb of 390'/NM to 300. Diverse departures not authorized 340°-025° from ARP until reaching 2000'.

TAKE-OFF OBSTACLES: Rwy 14: 180' crane crane 3749' from departure end of rwy, 1006' right of centerline. Shipping to 180' transiting Mississippi River 5989' from departure end of rwy. Rwy 32: Shipping to 159' transiting intracoastal waterway 5900' from departure end of rwy.

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NEW ROADS, LA

FALSE RIVER RGNL (HZR)

ORIG 08157 (FAA)

NOTE: **Rwy 36**, fence 97' from departure end of runway, 248' right of centerline, 5' AGL/44' MSL. Pole 1263' from departure end of runway, 215' left of centerline, 45' AGL/84' MSL. Trees beginning 1268' from departure end of runway, 127' right of centerline, up to 110' AGL/159' MSL. Trees beginning 2436' from departure end of runway, 26' left of centerline, up to 127' AGL/176' MSL.

Rwy 18, road beginning 86' from departure end of runway, 398' right of centerline, up to 15' AGL/49' MSL. Fence 220' from departure end of runway, 362' right of centerline, 6' AGL/39' MSL.

OAKDALE, LA

ALLEN PARISH

NOTE: **Rwy 18**, trees 400' from departure end of runway, 260' left of centerline, 30' AGL/134' MSL. **Rwy 36**, trees 1300' from departure end of runway, on centerline, 50' AGL/159' MSL.

OKOLONA, MS

OKOLONA MUNI-RICHARD STOVALL FIELD

DEPARTURE PROCEDURE: **Rwys 18, 36**, climb runway heading to 800 before turning westbound.

OLIVE BRANCH, MS

OLIVE BRANCH

TAKE-OFF MINIMUMS: **Rwy 18**, 400-1 or std. with a min. climb of 350' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 18**, climb runway heading to 800 before turning east.

OPELOUSAS, LA

ST. LANDRY PARISH-AHART FIELD

TAKE-OFF MINIMUMS: **Rwy 18**, 200-1 or std. with a min. climb of 236' per NM to 400.

NOTE: **Rwy 18**, tower 6060' from departure end of runway, 896' left of centerline, 209' AGL/270' MSL.

OXFORD, MS

UNIVERSITY-OXFORD

TAKE-OFF MINIMUMS: **Rwy 9**, 300-1 or std. with a min. climb of 400' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 9**, climb runway heading to 900 before turning.

PASCAGOULA, MS

TRENT LOTT INTL

TAKE-OFF MINIMUMS: **Rwy 17**, 200-1½ or std. w/min. climb of 226' per NM to 400, or alternatively, w/standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1600' prior to departure end of runway.

NOTE: **Rwy 17**, multiple trees beginning 1622' from departure end of runway, 46' left of centerline, up to 58' AGL/67' MSL. Tree 2298' from departure end of runway, 77' right of centerline, 71' AGL/80' MSL. Transmission tower 3912' from departure end of runway, 1412' left of centerline, 112' AGL/121' MSL. Obstruction light on sign 5396' from departure end of runway, 1137' right of centerline, 159' AGL/170' MSL. **Rwy 35**, tree 2998' from departure end of runway, 1163' right of centerline, 79' AGL/93' MSL.

PATTERSON, LA

HARRY P. WILLIAMS MEMORIAL

TAKE-OFF MINIMUMS: **CAUTION**: unmarked balloon and cable to 15000 in R-3807. **Rwy 6**, 290°/17.6 NM.

Rwy 24, 287°/18.2 NM.

NOTE: **Rwy 24**, tree 1262' from departure end of runway, 452' right of centerline, 95' AGL/102' MSL.

PHILADELPHIA, MS

PHILADELPHIA MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 300-1¼ or std. with a min. climb of 282' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 36**, climb via heading 005° to 800 before turning.

NOTE: **Rwy 36**, tree 6130' from departure end of runway, 2072' right of centerline, 100' AGL/669' MSL.

RAYMOND, MS

JOHN BELL WILLIAMS (M16)

AMDT 3 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 12**, std. with a min. climb of 240' per NM to 2600, or 2300-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 12**, climb via heading 121° to 2600 before proceeding on course, or for climb in visual conditions, cross John Bell Williams airport at or above 2400 before proceeding on course. **Rwy 30**, climb via heading 301° to 2000 before proceeding on course.

NOTE: **Rwy 12**, trees beginning 226' from departure end of runway, 359' right of centerline, up to 100' AGL/359' MSL. Trees beginning 641' from departure end of runway, 432' left of centerline, up to 100' AGL/359' MSL. Trees left and right of centerline beginning 1259' from departure end of runway, up to 100' AGL/359' MSL. **Rwy 30**, pole 1523' from departure end of runway, 534' right of centerline, 57' AGL/287' MSL.

RIPLEY, MS

RIPLEY

TAKE-OFF MINIMUMS: **Rwy 3**, 300-1¼ or std. w/min. climb of 233' per NM to 800, or alternatively, w/std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2100' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 21**, climb heading 213° to 1100 before turning left.

NOTE: **Rwy 3**, multiple trees beginning 774' from departure end of runway, 189' left of centerline, up to 100' AGL/569' MSL. Multiple trees beginning 1485' from departure end of runway, 331' left of centerline, up to 100' AGL/576' MSL. Multiple trees beginning 1.2 NM from departure end of runway, 1852' right of centerline, up to 100' AGL/689' MSL. Multiple trees beginning 1.2 NM from departure end of runway, 9' left of centerline, up to 100' AGL/669' MSL. Multiple trees beginning 1.4 NM from departure end of runway, 2100' right of centerline, up to 100' AGL/699' MSL. **Rwy 21**, multiple trees beginning 198' from departure end of runway, 189' left of centerline, up to 100' AGL/519' MSL. Multiple trees beginning 333' from departure end of runway, 307' right of centerline, up to 100' AGL/519' MSL.

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SHREVEPORT, LA

SHREVEPORT DOWNTOWN

DEPARTURE PROCEDURE: **Rwys 5, 14, 23**, maintain runway heading until 600 prior to turning.

SHREVEPORT RGNL

TAKE-OFF MINIMUMS: **Rwy 5**, std. w/a min. climb of 233' per NM to 900 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5**, for climb in visual conditions cross Shreveport Rgnl Airport at or above 1000 before proceeding on course.

NOTE: **Rwy 5**, multiple trees beginning 1711' from departure end of runway, 435' right of centerline, up to 80' AGL/299' MSL. Tree 1985' from departure end of runway, 475' left of centerline, 60' AGL/279' MSL. **Rwy 23**, terrain 110' from departure end of runway, 471' right of centerline, 240' MSL. Multiple trees beginning 3685' from departure end of runway, 319' right of centerline, up to 80' AGL/344' MSL. Multiple trees beginning 2123' from departure end of runway, 187' left of centerline, up to 97' AGL/357' MSL. **Rwy 14**, multiple poles, antennas, and trees beginning 458' from departure end of runway, 205' right of centerline, up to 32' AGL/254' MSL. Multiple poles, trees, and railroad beginning 886' from departure end of runway, 9' left of centerline, up to 100' AGL/346' MSL.

STARKVILLE, MS

GEORGE M. BRYAN

NOTE: **Rwy 18**, multiple trees beginning 52' from departure end of runway, 395' right of centerline up to 79' AGL/378' MSL. Trees 1037' from departure end of runway, 463' left of centerline, 45' AGL/365' MSL. Tower 5406' from departure end of runway, 402' left of centerline, 165' AGL/464' MSL. **Rwy 36**, windsock and trees beginning 24' from departure end of runway, 340' right of centerline up to 110' AGL/429' MSL. Trees 170' from departure end of runway, 323' left of centerline, 67' AGL/376' MSL.

TALLULAH, LA

VICKSBURG TALLULAH RGNL

NOTE: **Rwys 18, 36** cross departure end of runway at or above 35' AGL/121' MSL. **Rwy 18**, tree 1610' from departure end of runway, 922' left of centerline, 120' AGL/203' MSL.

VICKSBURG, MS

VICKSBURG MUNI

TAKE-OFF MINIMUMS: **Rwy 1**, 600-2¾ or std. w/ min. climb of 354' per NM to 900. **Rwy 19**, 300-2 or std. w/a min. climb of 224' per NM to 500, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to departure end of runway.

NOTE: **Rwy 1**, trees beginning 1032' from departure end of runway, 316' left of centerline, up to 100' AGL/199' MSL. Stack 2.21 NM from departure end of runway, 2838' left of centerline, 594' AGL/699' MSL. Trees beginning 6387' from departure end of runway, 2174' right of centerline, up to 100' AGL/319' MSL. **Rwy 19**, tower 1.6 NM from departure end of runway, 2749' right of centerline, 108' AGL/366' MSL.

VIVIAN, LA

VIVIAN

DEPARTURE PROCEDURE: **Rwys 9, 27**, climb on runway heading to 1500 prior to turning.

WEST POINT, MS

MC CHAREN FIELD

TAKE-OFF MINIMUMS: **Rwy 36**, 400-1 ¾ or std. with a min. climb of 360' per NM to 800.

NOTE: **Rwy 18**, numerous trees beginning 1' from departure end of runway, 250' left of centerline, up to 100' AGL/309' MSL. Terrain beginning 146' from departure end of runway, 22' left of centerline, up to 207' MSL. Fence 200' from departure end of runway, on centerline, up to 4' AGL/213' MSL. Terrain 151' from departure end of runway, 232' right of centerline, 207' MSL. Numerous trees beginning 913' from departure end of runway, 744' right of centerline, up to 100' AGL/279' MSL. Vehicle on road 268' from departure end of runway, on centerline, 10' AGL/219' MSL. **Rwy 36**, railroad track beginning 50' from departure end of runway, on centerline, 23' AGL/232' MSL. Terrain 243' from departure end of runway, 262' left of centerline, 214' MSL. Numerous trees beginning 1287' from departure end of runway, 299' left of centerline, up to 100' AGL/349' MSL. Tree 2016' from departure end of runway, 138' right of centerline, 100' AGL/319' MSL. Tower 1.4 NM from departure end of runway, 1398' right of centerline, 348' AGL/587' MSL. Tower 1.5 NM from departure end of runway, 1365' right of centerline, 305' AGL/547' MSL.

WINONA, MS

WINONA-MONTGOMERY COUNTY (ONA)
ORIG 08045 (FAA)

TAKE-OFF MINIMUMS: **Rwy 21**, 400-2¾ or std. w/ min. climb of 215' per NM to 900. Alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 3**, Climb heading 030° to 1000 before turning west.

NOTE: **Rwy 21**, Tower 2.1 NM from departure end of runway, 2789' right of centerline, 350' AGL/703' MSL.

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