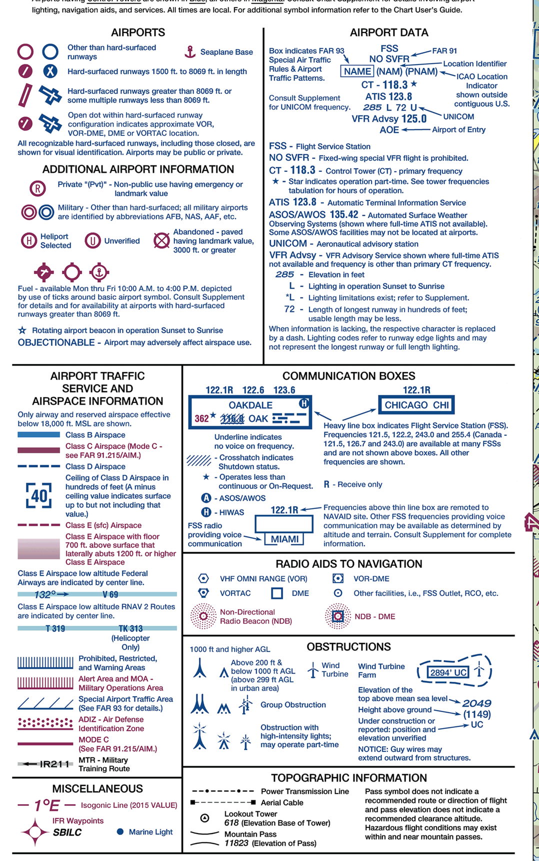
U.S. GULF COAST
LEGEND



REPORTING CHART ERRORS

You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. Frequently asked questions (FAQs) are answered on our website at http://faa.gov/go/ais. See the FAQs prior to contact via toll free number or email. Telephone toll free at 1-800-638-8972, or email us at 9-AMC-Aerochart@faa.gov or mail to: FAA, Aeronautical Information Services, Customer Operations Team, 1305 East-West Highway, SSMC 4, Suite 4400, Silver Spring, MD 20910-3281.

U.S. GULF COAST

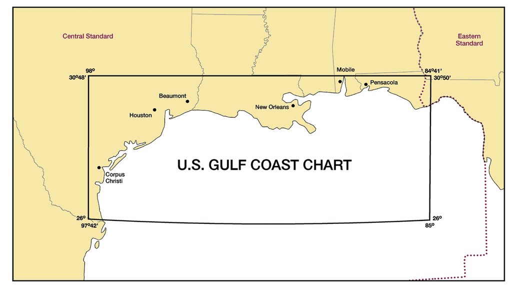
VFR AERONAUTICAL CHART SCALE 1:1,000,000

Federal Aviation Administration

31ST EDITION EFFECTIVE 0901Z **8 DEC 2016**
TO 0901Z **7 DEC 2017**

Includes airspace amendments effective **10 NOV 2016**
and all other aeronautical data received by **15 SEP 2016**

Consult appropriate NOTAMs and Flight Information Publications for supplemental data and current information.



Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.

FAA Product ID: HELGC
NSN 7641014099597
NGA REF. NO. HELOXGULFUSVFR
EFF. DATE 16343

BUREAU OF LAND MANAGEMENT OIL LEASE BLOCKS

- Oil Drilling Platforms from United States Coast Guard data current through Notice to Mariners 40/16

Offshore mineral leasing areas and blocks indicated in blue from Bureau of Land Management data furnished to August 2009.

High Density Helicopter Activity Area

Lambert Conformal Conic Projection Standard Parallels 25° 20' and 30° 40'
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)

CONVERSION OF ELEVATIONS

FEET (Thousands) 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30
METERS (Thousands) 0 1 2 3 4 5 6 7 8 9

CONTOUR INTERVAL 1000 *feet*

HIGHEST TERRAIN elevation is 1208 *feet* located at 30° 46'N - 97° 52'W

Spot elevation *4254*
Approximate elevation. . . . . x *3200*

FOR PROCUREMENT: For digital products, visit http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/
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CONTROL TOWER FREQUENCIES ON U.S. GULF COAST CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF tower frequency(ies). Information for each tower is listed in the table below. Operational hours are local time. The primary VHF and UHF tower and ground control frequencies are listed.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.

ASR and/or PAR indicate Radar Instrument Approach available.

"MON-FRI" indicates Monday through Friday.

O/T indicates other times.

CONTROL TOWER	OPERATES	TOWER	GND CON	ATIS	ASR/ PAR
ACADIANA RGNL	0600-2100	125.0 239.3	121.7		
AUSTIN–BERGSTROM INTL	CONTINUOUS	121.0 281.5	121.9 348.6	124.4	
BATON ROUGE, RYAN	0500-2400	118.45 257.8	121.9	125.2	ASR
BROOKS RGNL	0600-2200	119.5	124.85	126.3	
CABANISS NOLF	0730-2300 MON-THU 0730-1900 FRI (0730-2000 FRI DST)	119.65 299.6			
CHENNAULT INTL	0600-2200	124.2 290.4	121.65 275.8	120.0	ASR
CHOCTAW NOLF	1000-2000 MON-FRI CLSD HOL	121.4 259.25		290.55	
CORPUS CHRISTI INTL	CONTINUOUS	119.4 257.8	121.9 269.15	126.8	
CORPUS CHRISTI NAS/ TRUAX	0700-2300 MON-THU 0700-1900 FRI CLSD HOL O/T BY NOTAM	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	114.0 127.9 290.9	ASR/PAR
DUKE, (EGLIN AF AUX NR 3)	0900-2400 MON-FRI CLSD HOL	133.2 290.425	251.125		
EASTERWOOD	0800-2100	118.5 284.7	128.7 284.7	126.85	
EGLIN AFB/DESTIN- FT WALTON BEACH	CONTINUOUS	118.2 353.65	121.8 335.8	134.625 273.5	
ELLINGTON	CONTINUOUS	126.05 253.5	121.6 275.8	135.575 269.9	
GEORGE BUSH INTERCONTINENTAL/ HOUSTON	CONTINUOUS	120.725 290.2 (RWY 08L/26R) 125.35 290.2 (RWY 08R/26L) 127.3 288.25 (RWYS 15R/33L & 15L/33R) 135.15 290.2 (RWY 09/27)	118.575 (RYS 08L/26R, 08R/26L & 09/27) 121.7 (RYS 15L/33R & 15R/33L)	124.05	
GEORGETOWN	0700-2200	120.225	119.12	118.6	
GULFPORT–BILOXI INTL	0600-2300	123.7 339.8	120.4 348.6	119.45	ASR
HAMMOND NORTHSHORE RGNL	0800-1800	120.575	119.85	118.325	
HOBBY	CONTINUOUS	118.7 256.9	121.9	124.6	
HOOKS MEM	0700-2200	118.4 (W) 127.4 (E) 354.1	121.8 239.0	128.375	
HOUMA–TERREBONNE	0600-1900	125.3 346.3	121.8	120.25	
HOUSTON EXEC	0600-2200	126.975	132.075	119.525	
HURLBURT	CONTINUOUS	126.5 351.675	123.975 275.8	134.475 360.675	
KEESLER AFB	0800-2300 MON-FRI 1100-1700 SAT-SUN CLSD HOL	120.75 269.075	121.8 275.8	281.55	
LAFAYETTE RGNL/FOURNET	0530-2230	118.5 257.8	121.8	134.05	ASR
LAKE CHARLES RGNL	0600-2200	120.7 257.8	121.8	118.75	ASR
LAKEFRONT	0700-2100	119.9	121.7	124.9	
LONE STAR EXEC	0600-2100	124.125	120.45	118.325	
LOUIS ARMSTRONG NEW ORLEANS INTL	CONTINUOUS	119.5 254.3	121.9 273.525	127.55	
MOBILE DOWNTOWN	0700-2200 MON 0330-2200 TUE-FRI 0400-1900 SAT 0700-1900 SUN	118.8 251.1	121.7 239.3	135.575	
MOBILE RGNL	0600-2300	118.3 239.0	121.9 348.6	124.75 257.85	ASR
NEW ORLEANS NAS JRB/ CALLENDER	0700-2300 MON-SAT 1000-1700 SUN CLSD HOL EXC BY NOTAM	123.8 284.6	121.6 270.35	279.55	ASR/PAR
NORTHWEST FLORIDA BEACHES INTL	0600-2200	118.95	121.65	119.975	
PENSACOLA INTL	0530-2300	119.9 257.8	121.9 348.6	121.25	
PENSACOLA NAS/ SHERMAN	0600-2100 MON-FRI 0900-1730 SAT 1200-1930 SUN HOL BY NOTAM	120.7 340.2	121.7 336.4	124.35 266.8	ASR/PAR
SAN MARCOS RGNL	0700-1900	126.825	120.125		
SCHOLES INTL AT GALVESTON	0600-1800	120.575	118.625		
STENNIS INTL	0700-2100	127.15	121.725		
SUGAR LAND RGNL	0600-2200	118.65	121.4	118.125	
TRENT LOTT INTL	0600-2000 MON-FRI 0800-1800 SAT-SUN	118.575	121.725	135.175	
TYNDALL AFB	0600-2200 MON-FRI 0900-1700 SAT-SUN CLSD HOL & ASSOC WKNDS	133.95 263.15	121.9 259.3	254.4	ASR/PAR
VALLEY INTL	0600-2400	119.3 317.6	121.7	124.85	
VICTORIA RGNL	0700-2200	126.075 257.95	120.525 239.25	119.025	
WALDRON NOLF	0730-SS MON-FRI	133.85 236.825			
WHITING NAS NORTH	0645-2245 MON-FRI 1800-2200 SUN CLSD HOL O/T BY NOTAM	121.4 306.925	251.15	126.2 290.325	ASR
WHITING NAS SOUTH	0700-2200 MON-THU 0800-2200 FRI 1700-2100 SUN CLSD HOL O/T BY NOTAM	121.4 348.675	317.65	273.575	ASR/PAR

SPECIAL USE AIRSPACE ON U.S. GULF COAST CHART

Unless otherwise noted altitudes are MSL and in feet. Time is local. "TO" an altitude means "To and including." FL – Flight Level. NO A/G – No air to ground communications. Contact Flight Service for information.

† Other times by NOTAM. NOTAM – Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system.

U.S. P–PROHIBITED, R–RESTRICTED, W–WARNING, A–ALERT, MOA–MILITARY OPERATIONS AREA

NUMBER	ALTITUDE	TIME OF USE	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
R-2905 A, B	TO 10,000	INTERMITTENT BY NOTAM	TYNDALL APP	
R-2908	TO 12,000	NOV-DEC 0800-1600 MON-FRI †24 HRS IN ADVANCE	PENSACOLA TRACON	
R-2914 A	UNLIMITED EXCL AIRSPACE WITHIN R-2917	CONTINUOUS	JACKSONVILLE CNTR	
R-2914 B	8500 TO UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
R-2915 A, B	UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
R-2915 C	8500 TO UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
R-2917	TO 5000	CONTINUOUS	EGLIN APP	
R-2918	UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
R-2919 A	UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
R-2919 B	8500 TO UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
R-4403 A	TO 12,000	INTERMITTENT 1000-0300 BY NOTAM 24 HRS IN ADVANCE	HOUSTON CNTR	
R-4403 B	TO 6000	INTERMITTENT 1000-0300 BY NOTAM 24 HRS IN ADVANCE	HOUSTON CNTR	
R-4403 C, E	TO 10,000	INTERMITTENT 2000-0500 & 1800-2000 1 NOV—1 MAR BY NOTAM 24 HRS IN ADVANCE	HOUSTON CNTR	
R-4403 F	4000 TO 10,000	INTERMITTENT 2000-0500 & 1800-2000 1 NOV—1 MAR BY NOTAM 24 HRS IN ADVANCE	HOUSTON CNTR	
W-54 A	TO FL 400	0700-2400†	HOUSTON CNTR	
W-54 B	TO BUT NOT INCL FL 240	0700-2400†	HOUSTON CNTR	
W-59 A	5000 TO FL 500	0900-2100†	HOUSTON CNTR	
W-59 B	5000 TO BUT NOT INCL FL 280	0900-2100†	HOUSTON CNTR	
W-92	TO FL 400	0700-2400	HOUSTON CNTR	
W-147 A	5000 TO BUT NOT INCL FL 230	0800-2200	HOUSTON CNTR	
W-147 C, D	TO FL 500	0800-2200	HOUSTON CNTR	
W-148 A	TO BUT NOT INCL 6000	INTERMITTENT SR-SS†	HOUSTON CNTR	
W-148 B	6000 TO FL 600	INTERMITTENT SR-SS†	HOUSTON CNTR	
W-151 A, B, C, D	UNLIMITED	0600-0130†	JACKSONVILLE CNTR	
W-151 E, F	UNLIMITED	INTERMITTENT BY NOTAM	JACKSONVILLE CNTR	
W-155 A, B, C	TO FL 600	0700-2300 MON-FRI†	JACKSONVILLE CNTR	
W-168	UNLIMITED	INTERMITTENT BY NOTAM	MIAMI CNTR	
W-228 A, B, C, D	TO FL 450	CONTINUOUS	HOUSTON CNTR	
W-453 A	TO BUT NOT INCL 6000	INTERMITTENT SR-SS†	HOUSTON CNTR	
W-453 B	6000 TO FL 600	INTERMITTENT SR-SS†	HOUSTON CNTR	
W-470 A, B, C	UNLIMITED	0600-0030†	JACKSONVILLE CNTR	
W-470 F	UNLIMITED	INTERMITTENT BY NOTAM	JACKSONVILLE CNTR	
W-602	TO FL 250	CONTINUOUS	HOUSTON CNTR	
A-292	TO 3000 WITHIN FEDERAL AIRWAYS, OTHERWISE TO FL 175	SR-0100 MON-FRI SR-SS SAT	NO A/G	
A-381	TO 2000	SR-SS	NO A/G	
A-632 A	6000 TO BUT NOT INCL FL 180	SR-2300 MON-FRI SR-SS SAT 1200-SS SUN	NO A/G	
A-632 B	TO BUT NOT INCL FL 180	0700-2400	NO A/G	
A-632 C	TO BUT NOT INCL FL 180	SR-2400 MON-FRI	NO A/G	
A-632 D	6000 TO BUT NOT INCL 11,000	SR-2400 MON-FRI 1400-2400 SUN†	NO A/G	
A-632 E	6000 TO BUT NOT INCL 9000	SR-2400 MON-FRI 1400-2400 SUN†	NO A/G	
A-632 F	3000 AGL TO BUT NOT INCL FL 180	0700-2400 MON-SAT	NO A/G	
A-638	TO 3000	SR-SS MON-FRI	NO A/G	

MOA NAME	ALTITUDE*	TIME OF USE†	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
BULLSEYE 1	10,000	0830-1730 MON-FRI	HOUSTON CNTR	
BULLSEYE 3	11,000	0830-1730 MON-FRI	HOUSTON CNTR	
DE SOTO 1	500 AGL TO 10,000	0830-1730 MON-FRI	HOUSTON CNTR	
DE SOTO 2	100 AGL TO 5000	0830-1730 MON-FRI	HOUSTON CNTR	
EGLIN A EAST, WEST EGLIN C	1000 AGL (OCNL 200 AGL BY NOTAM)	INTERMITTENT 0600-2100 MON-FRI	JACKSONVILLE CNTR	
EGLIN B	1000 AGL (OCNL 200 AGL BY NOTAM) EXCL CRESTVIEW FL, CLASS E BELOW 1500 AGL	INTERMITTENT 0600-2100 MON-FRI	JACKSONVILLE CNTR	
EGLIN D	1000 AGL TO 3000	INTERMITTENT 0600-2100 MON-FRI	JACKSONVILLE CNTR	
EGLIN E, F	SURFACE	INTERMITTENT 0600-2100 MON-FRI	JACKSONVILLE CNTR	
KINGSVILLE 1	8000	SR-2400 MON-FRI SR-SS SAT 1000-2400 SUN	HOUSTON CNTR	
KINGSVILLE 2	13,000	SR-2400 MON-FRI SR-SS SAT 1000-2400 SUN	HOUSTON CNTR	
KINGSVILLE 4, 5	9000	SR-2400 MON-FRI 1400-2400 SUN	HOUSTON CNTR	
PENSACOLA NORTH	10,000	SR-SS MON-SAT OCCASIONAL NIGHTTIME OPS UNTIL MIDNIGHT	JACKSONVILLE CNTR	
PENSACOLA SOUTH	10,000	INTERMITTENT SR-2400 MON-SAT	PENSACOLA ATCT	
RANDOLPH 1A	8000	SR-SS MON-FRI	HOUSTON CNTR	
RANDOLPH 1B	7000	SR-SS MON-FRI	SAN ANTONIO TRACON	
SNAKE	6000	INTERMITTENT SR-SS	HOUSTON CNTR	
SNAKE LOW	3000 TO BUT NOT INCL 6000	INTERMITTENT SR-SS	HOUSTON CNTR	
TYNDALL B, H	9000	INTERMITTENT SR-SS MON-FRI	TYNDALL APP	
TYNDALL C, D	300 AGL TO 6000	INTERMITTENT SR-SS MON-FRI	TYNDALL APP	
TYNDALL E, F	300 AGL	INTERMITTENT SR-SS MON-FRI	TYNDALL APP	
TYNDALL G	1000 AGL	INTERMITTENT SR-SS MON-FRI	TYNDALL APP	
WARRIOR 2, 3 HIGH	10,000	0700-2200 MON-FRI	HOUSTON CNTR	120.97 299.6
WARRIOR 2, 3 LOW	100 AGL TO BUT NOT INCL 10,000	0700-2200 MON-FRI	HOUSTON CNTR	120.97 299.6

*Altitudes indicate floor of MOA. All MOAs extend to but do not include FL 180 unless otherwise indicated in tabulation or on chart.
†Other times by DoD NOTAM.

HOUSTON ARTCC RCAG FREQUENCIES ON U.S. GULF COAST CHART

ATLANTIS	120.35 134.9
BOXER	120.35
CAMERON COUNTY	133.4
EAST BREAKS	133.4
EAST CAMERON	127.85
EUGENE ISLAND	120.35
EWING BANKS	120.35 134.9
GALVESTON A	133.4
GRAND ISLE	134.9
INDEPENDENCE	134.9
INTRACOASTAL CITY	120.35 127.85
ROCKPORT	133.4
SARITA	133.4
TICK	127.85
VIRGO	134.9

HIGH DENSITY HELICOPTER ACTIVITY AREA FREQUENCIES

CAMERON/CREOLE, LA	123.05
FREEPORT, TX	123.0
FOURCHON, LA	122.85
GALVESTON, TX	120.575 VFR 134.45 IFR
GRAND CHENIER, LA	123.05
GRAND ISLE, LA	122.9
HOUMA, LA	125.3
INGLESIDE, TX	122.7
INTRACOASTAL CITY, LA	122.85
LEEVILLE, LA	122.85
MORGAN CITY, LA	123.05
PATTERSON, LA	122.8
PELICAN ISLAND, TX	120.575 VFR 134.45 IFR
PORT O'CONNOR, TX	122.9
ROCKPORT, TX	123.05
SABINE PASS, TX	122.7
SOUTH LAFOURCHE, TX	123.0
TEXAS GULF COAST RGNL, TX	123.0
VENICE, LA	122.975

ATTENTION

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF). The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

Example: 12,500 feet . . . . **12[5]**

Pilots are encouraged to consult Sectional and VFR Terminal Area Charts for flights into congested terminal areas.

Unless otherwise noted, all areas of this chart are within controlled airspace. Magenta vignette denotes areas with a floor of 700 feet AGL. All other areas have a floor of 1200 feet or more AGL.

FAA air traffic service outside U.S. airspace is provided in accordance with Article 12 and Annex 11 of ICAO Convention. ICAO Convention not applicable to state aircraft but compliance with ICAO standards and practices is encouraged.

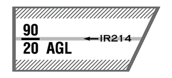
NORTH AMERICAN AEROSPACE DEFENSE COMMAND (NORAD) PROCEDURES

All aircraft operating in the U.S. national airspace, if capable, will maintain a listening watch on guard frequencies VHF 121.5 or UHF 243.0. It is incumbent upon all aviators to know and understand their responsibilities if intercepted. Review "AIM" section 5-6-2 for intercept procedures. Additionally, if U.S. military fighter jets intercept an aircraft and flares are dispensed in the area of that aircraft, aviators will pay strict attention, contact air traffic control immediately on the local frequency or on VHF guard 121.5 or UHF 243.0 and follow the interceptor visual ICAO signals. Be advised that non-compliance may result in the use of force.

Class G Airspace within the United States extends up to 14,500 feet MSL. At and above this altitude all airspace is within Class E Airspace, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.

SPECIAL MILITARY ACTIVITY

The chart identifies IFR Military Training Routes and Military Operations Area within which the Department of Defense conducts periodic operations involving Unmanned Aircraft Systems. These aircraft may be accompanied by military or other aircraft which provide the pilots of the Unmanned Aircraft Systems visual observation information about other aircraft operations near them. Status of these routes and areas may be obtained by contacting the FAA/DoD facility on designated frequencies along the routes and in the special military activity area. The lateral limits of these specified routes are shown by the Special Use Airspace symbol. Altitudes for these route segments are also shown.



90/20 AGL ---- Ceiling of MTR in hundreds of feet MSL
---- Floor of MTR in hundreds of feet AGL

MILITARY TRAINING ROUTES (MTRs)

All IR and VR MTRs are shown, and may extend from the surface upwards. Only the route centerline, direction of flight along the route, and the route designator are depicted - route widths and altitudes are not shown.

Since these routes are subject to change every 56 days, you are cautioned and advised to contact Flight Service for route dimensions and current status for those routes affecting your flight.

DoD users refer to Area Planning AP/1B Military Training Routes North and South America for current routes.

CAUTION: Severe turbulence may occur over rugged terrain. See AIM.

CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all power transmission and telecommunication lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.

U.S. GULF COAST