

# **AMBERGRIS CAY AIRPORT**

## **FLIGHT CREW INFORMATION PACKAGE**

December 6 2008

The Ambergris Cay Airfield is located on Big Ambergris Cay, Turks and Caicos Islands, a 1200 acre, privately owned island being developed as the Turks and Caicos Sporting Club at Ambergris Cay. As with all of the amenities and facilities at The Turks and Caicos Sporting Club, the Ambergris Cay Airfield will remain privately owned and operated. The great majority of the flights to and from the airfield will be daily private flights from Providenciales which is located approximately 40 miles west of Ambergris Cay; however, the airfield was designed and built to accommodate those members who own and wish to fly their private aircraft directly to Ambergris Cay.

**A Flight Crew Information Package is available at <http://ambergriscayairport.com>**

**All arriving flights will require 24hr prior permission to land at the airfield. Call the Airport Operation Manager's office at 649- 941-9000 ext. 2057 or fax request to (649) 941-9005 or e-mail your request to [flights@ambergriscay.com](mailto:flights@ambergriscay.com). Acknowledgement and confirmation of requested arrival times is required.**

Recently certified by Air Safety Support International and the Turks and Caicos Islands Civil Aviation Authority as an ICAO Code 3C aerodrome the facility boasts a 5700ft by 100ft (1737m x 30m) runway connected by one taxiway to an adjoining apron. The runway, taxiway and apron are newly constructed and paved with asphalt.

The aerodrome is currently certified for day operations only. Runway and taxiway edge lighting and PAPI are installed at both ends. RNAV approach and departures procedures are under development.

Information with respect to the aerodrome will be published in the Turks and Caicos Islands Aeronautical Information Publication; however, in the interim period this Flight Crew Information Package and accompanying Aerodrome Chart have been prepared to provide visiting flight crews with the necessary information to plan their trip.

The Ambergris Cay airport is within the airspace of the Turks and Caicos Islands whose rules and procedures, as specified in the Turks and Caicos Islands Aeronautical Information Publication, must be complied with for all flight operations.

Current weather can be obtained at <http://www.digiwx-ambergriscayairport.com/>.

<b>MBAC 2.1 – AERODROME LOCATION INDICATOR AND NAME</b>	
Aerodrome name:	Ambergris Cay
Location indicator:	MBAC

<b>MBAC 2.2 – AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA</b>	
ARP Co-ordinates and site at Aerodrome:	N21 <sup>0</sup> 18' 02.28" W71 <sup>0</sup> 38' 28.14" Mid point runway 07/25
Elevation/reference temperature:	9 ft – ISA +15 <sup>0</sup> C
Magnetic variation/annual change:	W 10 <sup>0</sup> – 0.10 <sup>0</sup> increasing
Aerodrome Administration:	1-649-941-7214
Flight Information Service Office:	1-649-941-9000
Flight Information Service Office Facsimile:	1-649-941-9005
Type of traffic permitted (IFR/VFR):	VFR
Remarks:	Nil

<b>MBAC 2.3 – OPERATIONAL HOURS</b>	
AD Administration:	Mon – Sun      Sunrise to sunset
Customs and Immigration:	On request Prior notification required
Flight Information Service (FIS):	Mon – Sun      Sunrise to sunset
Handling:	As FIS hours
Remarks:	<b>Private facility. Prior permission required for all operations.</b>

<b>MBAC 2.4 – HANDLING SERVICE AND FACILITIES</b>	
Fuel/oil types:	Nil
De-icing facilities:	Nil
Hangar space:	Nil
Repair facilities:	Nil
Remarks:	Ground handling provided by Turks and Caicos Sporting Club (TCSC)

<b>MBAC 2.5 – PASSENGER FACILITIES</b>	
Hotels:	Nil
Restaurant:	Yes
Transportation:	Provided by TCSC
Medical facilities:	Clinic on site
Bank and Post Office:	Nil
Welcome Centre:	Provided by TCSC
Remarks:	Nil

<b>MBAC 2.6 – RESCUE AND FIRE FIGHTING SERVICES</b>	
AD Category for fire fighting:	RFF Category 3;
Rescue equipment:	Oshkosh TA- 1500
Capability for removal of disabled aircraft:	Limited facilities available
Remarks:	RFF Category 4, 5 or 6 available on request

**MBAC 2.7 – SEASONAL AVAILABILTY - CLEARING**

None specified

**MBAC 2.8 – APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

Apron surface:	Asphalt
Apron strength:	PCN 32 F/C/W/T
Taxiway width:	15.24m
Taxiway surface:	Asphalt
Taxiway strength:	PCN 32 F/C/W/T
Altimeter check location and elevation:	Runway 07/25 full length; 9ft
VOR checkpoint:	Nil
INS checkpoint:	Nil
Remarks:	Nil

**MBAC 2.9 – SURFACE MOVEMENT GUIDANCE CONTROL SYSTEM AND MARKINGS**

Use of aircraft stand identification signs, taxiway guide lines and visual docking/parking guidance system at aircraft stands:	Nil
Runway and taxiway markings and lights:	Runway markings: Transverse stripe, designator, threshold, centre line, touchdown zone, aiming point, displaced threshold arrows. Taxiway markings: Centre line, runway holding position, runway turn pad.  Runway lighting: White edge lights. Taxiway/apron lighting: Blue edge lights. Stopway lighting: Amber 07 and Red 25 (Due to displaced threshold) see section 2.14 –Approach and runway lighting
Stop bars:	Nil
Remarks:	Nil

<b>MBAC 2.10 – AERODROME OBSTACLES</b>	
Runway 07 take-off/climb surface:	Hill, 70ft. AMSL, N21° 18' 20.09" W71° 37' 44.62" Distance from start of TORA is 2255m(7400ft)

<b>MBAC 2.11 – METEOROLOGICAL INFORMATION PROVIDED</b>	
Meteorological office:	Available at Providenciales; Tel: 649-941-4724
Supplementary equipment:	AWOS: Wind direction & speed with gusts, visibility, temperature, dewpoint, altimeter.
Remarks:	AWOS continuous broadcast on 132.15 or contact FIS on 122.25

<b>MBAC 2.12 – RUNWAY PHYSICAL CHARACTERISTICS</b>					
Designation	Bearings	Runway Dimensions	Strength	Threshold Coordinates	Threshold Elevation
07	082 <sup>0</sup> T 072 <sup>0</sup> M	1737m x 30m	PCN 32 F/C/W/T	N21°17'44.1" W71°38'54.4"	9 ft AMSL
25	262 <sup>0</sup> T 252 <sup>0</sup> M	1737m x 30m	PCN 32 F/C/W/T	N21°18'15.9" W71°38'01.7"	9 ft AMSL
<b>Runway Slope</b>			<b>Strip Dimensions</b>		
0%			1857m x 150m		

<b>MBAC 2.13 – DECLARED DISTANCES</b>						
Runway	TORA	TODA	TORR	ASDA	LDA	Remarks
07	1433m 4700ft	1433m 4700ft	1280m 4200ft	1737m 5700ft	1737m 5700ft	Reduced TORA/TODA due to obstruction in take-off flight path.
25	1737m 5700ft	2606m 8550ft	1737m 5700ft.	1737m 5700ft	1433m 4700ft	Threshold displaced 304m (1000ft)

<b>MBAC 2.14 – APPROACH AND RUNWAY LIGHTING</b>					
<b>Runway</b>	<b>Threshold Lights and Wingbars</b>	<b>PAPI</b>	<b>Runway Edge Lights</b>	<b>Runway End Lights</b>	<b>Stopway Lighting</b>
07	Threshold Green	3 <sup>0</sup>	60m spacing White, HI	Red	60m spacing Amber
25	Wingbar Green	3 <sup>0</sup>	60m spacing White, HI	Red	60m spacing Red

<b>MBAC 2.15 – OTHER LIGHTING, SECONDARY POWER SUPPLY</b>	
Aerodrome beacon location, characteristics and hours of operation:	Fire/EMS building, rotating, as required
Wind direction indicators:	07 – 304m from threshold & 75m south of centre line - lighted 25 – 457m from threshold & 75m north of centre line – lighted
Taxiway:	Blue edge lights
Secondary power supply:	Back-up generator

<b>MBAC 2.16 – HELICOPTER LANDING AREA</b>
Helicopters must land and lift off at the intersection of runway 07/25 and taxiway Alpha.

<b>MBAC 2.17 – AIR TRAFFIC SERVICES AIRSPACE</b>		
<b>Designation and Lateral Limits</b>	<b>Vertical Limit</b>	<b>Airspace Classification</b>
Aerodrome Traffic Zone (ATZ)	Nil	D
ATS unit call sign:	Provo approach control	
Transition altitude/level:	6000ft	
Remarks:	Provo approach airspace is from sea level to 6000ft. and requires prior clearance. (See MBAC 2.23 for additional information)	

<b>MBAC 2.18 - AIR TRAFFIC SERVICE COMMUNICATION FACILITIES</b>				
<b>Service Designator</b>	<b>Call Sign</b>	<b>Frequency</b>	<b>Hours of Operation</b>	<b>Remarks</b>
APP	Provo Approach	126.000 MHz 121.500 MHz	1100-0100 UTC	Primary frequency Secondary frequency
FIS	Ambergris information	122.250 MHz	Sunrise to sunset	

<b>MBAC 2.19 – RADIO NAVIGATION AND LANDING AIDS</b>
None specified

<b>MBAC 2.20 – LOCAL TRAFFIC REGULATIONS</b>
All aircraft must be marshaled into and out of parking positions.

<b>MBAC 2.21 – NOISE ABATEMENT PROCEDURES</b>
None specified.

<b>MBAC 2.22 – FLIGHT PROCEDURES</b>
Take- off runway 07 requires a visual climb for obstacle clearance.

<b>MBAC 2.23 – ADDITIONAL INFORMATION</b>
Hard copy of flight plan must be delivered to Ambergris FIS 60 minutes prior to each departure. Pre taxi Departure clearances must be obtained through Ambergris FIS.

<b>MBAC 2.24 – CHARTS RELATED TO THE AERODROME</b>
Aerodrome chart