



## Scope of Work –WGS-84 Survey Updates

To re-visit each of the five airports (Providenciales, Grand Turk, South Caicos, North Caicos and Salt Cay), and carry out the following checks/verification/survey, all data contained within confirms to the specifications contained in ICAO Doc 9674 and ICAO annex 14 volume 1:

- Airport Control Network – Permanent control monumentation – minimum of three points per airport. Reinstall new monumentation where necessary.
- Runway markings and centerline profile, where necessary
- Aerodrome Navigation facilities, including Holds, Stands – verify no-changes or resurvey new locations as necessary.
- Amend and re-issue the 1:2,500 scales Aerodrome Plan for use in the Aerodrome Manuals
- Aerodrome Obstructions – resurvey all new obstructions (including existing trees to allow for growth) and verify the existence of structures from the 2011 survey.
- Topographic Plan - check for deficiencies on the supplied aerodrome digital mapping and update as necessary.
- Modify the digital aerodrome models to incorporate any changes and re-analysis the new obstruction datasets. Schedules of obstacles penetrating the Annex 14 OLS shall be included in the Aerodrome Survey Reports.
- Aerodrome safeguarding hand copies, with color coded and the ICAO CRC Wrapping application.

### Scope of Work – Aeronautical Chart production (see deliverables)

All charts would be produced using the UK CAA specification and initial (proof) charts will be delivered in pdf format with the final charts being delivered in both CAD and PDF formats

### Deliverables

Hardcopy of the following:

- Aerodrome Survey Reports for all 5 airports, including, aerodrome plans at 1:2,500 scale and obstacle analysis charts.
- Grid/ crash Chart: - Providenciales, Grand Turk, South Caicos, North Caicos, and Salt Cay.  
Aerodrome chart for AIP: - Providenciales, Grand Turk, South Caicos, North Caicos and Salt Cay.
- Obstacle Charts -Type A :- Providenciales, Grand Turk, South Caicos and North Caicos
- Parking /docking charts: - for Providenciales and Grand Turk
- CD-ROM with Word and pdf versions of all Reports, AutoCAD and pdf versions of all drawings and charts, Google Earth files for all airports and digital data (crc wrapped) for all aerodrome facilities and obstructions in WGS-84 and UTM systems.

**Timetable: May 2016**