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AERONAUTICAL INFORMATION CIRCULAR

INFRINGEMENTS OF THE OBSTACLE LIMITATION SURFACES (OLS) AT OWEN ROBERTS INTERNATIONAL AIRPORT (MWCR)

1. INTRODUCTION

The information contained in this AIC has been produced on the basis of information derived from the recently completed quinquennial survey of Owen Roberts International Airport required by OTAR 139, Certification of Aerodromes, and ICAO Annex 14, Aerodrome Requirements.

Survey information is used for a number of purposes including to assess the effectiveness of several safety surfaces known collectively as obstacle limitation surfaces (OLS). These surfaces are designed to protect aircraft from physical obstructions in the vicinity of an aerodrome.

2. PURPOSE

The purpose of this Aeronautical Information Circular (AIC) is to notify pilots of obstructions in OLS, specifically the approach surface, at Owen Robert International Airport, Grand Cayman, Cayman Islands, and the actions required by pilots to mitigate the associated risk.

3. OBSTRUCTIONS

The approach to runway 08 at Owen Roberts is certified, in accordance with ICAO requirements, by a 1:50 approach surface. Obstacles are not permitted to penetrate this surface and if penetrations occur the associated risk is to be mitigated.

Currently, the approach surface is infringed by power lines on 8 protruding poles running through the approach in a north-south direction. The power lines are 1906ft west of the runway strip end at a height of 51ft above the runway threshold and penetrate the OLS by up to 13ft.

4. MITIGATION OF RISK

Pilots flying the PAPI 3° degree on course path for approaches to runway 08 will comply with PAPI clearance requirement for obstacles. This assessment is valid up to the critical aircraft, a B-767

5. FURTHER INFORMATION

The Cayman Islands Airports Authority (CIAA) is currently undertaking Aeronautical Studies and once completed will implement the safest and most economical option to eliminate these infringements.

Further information on the content of this AIRAC may be obtained from Mr. Walter Ebanks, Senior Manager Air Navigation Services for the Cayman Islands Airports Authority.