**9 Aircraft of Platform - Narrative**

Please complete, save and upload this form following the instructions found in the *Request for Proposal* document

## Overview- Aircraft

*Provide a* ***brief*** *narrative that gives an overview of the Aircraft that will be used to supply the Services being proposed.*

<Insert your response here>

## Avionics and Communications

*Provide additional narrative relating to the avionics and communications equipment to be utilised in the provision of the Services being proposed. This may include, amongst other things, radios, avionics, navigation, GPS, terrestrial and satellite telephony and messaging systems.   
  
Include narrative on how it is proposed to install ancillary radios so that rapid changeover of radios can be achieved if required. Include detail of any relevant enhanced avionics such as TCAS or GPWS, or any other safety enhancement systems. Specifically detail how the proposed radio & intercom setup meets the requirements of the remote sensing role the aircraft is proposed for.*

<Insert your response here>

**Aircraft Modifications, Performance and Enhancements**

*Provide* ***brief*** *details of how the Proposer will appropriately modify the aircraft to deliver the Services and to optimise the performance of aircraft for remote-sensing operations. Include descriptions of weight reduction strategies and of any performance enhancing devices that may be fitted to the aircraft being proposed.*

<Insert your response here>

## Recording System

*Provide* ***details*** *of crash resistant Flight Data Recorders, Cockpit Voice Recorders and Cockpit Environment Recorders or similar equipment, for each aircraft proposed.*

<Insert your response here>

## Global Positioning Systems

*Provide* ***summary*** *details relating to the Global Positioning Systems (GPS) to be utilised by the pilot(s) of the aircraft being proposed. Specifically detail how the GPS systems proposed will benefit the pilot and other crew during remote sensing operations.*

<Insert your response here>

## Tracking System

*Other than the information that may be provided in ARENA, provide any additional narrative relating to the tracking systems to be utilised in platform aircraft. Where appropriate include details of tracking for any other support vehicles being proposed. Include an outline of how the data will be delivered into AFAMS.*

*Note: Proposers are advised to read and understand the details of "NAFC Standard OP-014 Tracking, Event Reporting & Messaging" before responding to this question*

<Insert your response here>

**Flight and Engine Event Reporting System**

*Provide a* ***concise*** *description of the event reporting system being used to report engine start/stop and flight (take-off and landing) events in aircraft being proposed.*

*Note: This question is not about Health and Usage Monitoring (HUMS) or similar aircraft systems. It is about the collection of engine start & stop, take-off & landing, and other flight event times and reporting them via satellite or cellular modem to NAFC / AFAMS.*

*Include details of the sensors or devices that will be used to trigger engine and flight events.*

*Note: Proposers are advised to read and understand the details of "NAFC Standard OP-014 Tracking, Event Reporting & Messaging" before responding to this question.*

<Insert your response here>

## Aircraft Trend Monitoring System

*Provide* ***summary*** *details of any automated engine and flight parameter monitoring and recording system (e.g. ‘HUMS’ type trend monitoring systems). Where an automated system is not used, include details on the Proposer’s approach to manual trend monitoring.*

<Insert your response here>

**Passenger Carriage Capability Calculations**

*Clearly set out the calculations used to determine the Passenger Carrying Capability (PCC) for each aircraft proposed.*

<Insert your response here>

**Seating & Seatbelts**

*Provide* ***summary*** *information relating to the seating and seatbelt type and configuration to be fitted in the aircraft being proposed. Include details of which seats have upper body restraints, 3 point, 4 point or 5 point seatbelts, and inertial reel seatbelts. Where appropriate, insert or attach photographs or diagrams of the seating configuration.*

<Insert your response here>

**Other Calculations or Analysis**

*Provide any other calculations or analysis which might be considered.*

<Insert your response here>

-end-