

STATEMENT OF WORK

King Air 350 (KA-350) Aircraft Cockpit Procedures Trainer (CPT)

1. KA-350 Aircraft Cockpit Procedures Trainer (CPT)

1.1. CPT must be a high-fidelity KA-350 simulation-based cockpit procedures training device to train pilots and co-pilots on cockpit actions/procedures in a classroom environment utilizing a single, integrated, life-size or near life-size stationary system.

1.2. CPT must have a programmable flight management system (FMS) that encompasses full FMS functionality.

1.3. CPT must encompass all KA-350 mission phases: pre-flight planning, mission data initialization/flight plan load, aircraft systems pre-flight checks, engine start, taxi/take-off, climb- out/level-off, cruise/orbit, descent, approach/landing (including instrument procedures), taxi/park, and engine shutdown.

1.4. CPT must incorporate accurate and realistic location, replication, and integration of the KA-350 control switches and cockpit displays of the avionics, navigation, communication, electrical, hydraulic, engine/thrust, aircraft control, and fuel systems.

1.5. CPT must include touch-screen activation/access for computer-driven, screen displayed cockpit switches and dials.

1.6. CPT must include pictorial displays and graphics of external views from pilot/cockpit perspective (i.e. hills, runway, buildings, mountains, clouds, taxiway, etc.).

1.7. CPT initialization/utilization must be intuitive/easy to use, flexible to handle multiple mission profiles, reliable (maximized mean time between failure), and minimal, easily-performed recurring maintenance.

1.8. CPT must be capable/flexible enough to provide any pilot/instructor pilot configuration (i.e. left seat or right seat).

1.9. CPT must include the ability to “Pause” ongoing training mission to facilitate instructor pilot inputs/training.

2. Installation (Set-up & Initialization) of CPT at New Al Muthana Air Base, Baghdad, Iraq

2.1. Require on-site technical assistance for system build, set-up, functionality and operations checks in New Al Muthana Air Base, Baghdad, Iraq.

2.2. Require Systems Operations training for Coalition and Iraqi Air Force KA-350 Instructor pilots and aircrew (up to 14 days) at New Al Muthana Air Base, Baghdad, Iraq.

3. Technical Support for KA-350 CPT

3.1. Includes One-year, 24hour/7day available, human response, telephone-based technical support (cannot be web-based chat/instant messaging).

4. Delivery

4.1. Delivery is required ASAP but no later than 15 Jan 09.

4.2. Delivery is F.O.B. Destination

4.3. Delivery Address: 447 AEG/CAFTT/370 AEAG
 New Al Muthana Air Base
 Baghdad, Iraq
 APO AE 09321
 GRID COORD: Lat/Long N33-15.24 E044-13.07