PERFORMANCE WORK STATEMENT

FAA INITIAL and RECURRENT PILOT TRAINING ON

Hawker Beechcraft 300 Super King Air with Pro Line 21 Avionics,

Flight Inspection Training Sub-Team AJW-3341

DRAFT
December 09, 2009

PERFORMANCE WORK STATEMENT
Pilot Training

1.0 INTRODUCTION

The contractor will provide initial and recurrent ground school and simulator training for the Federal Aviation Administration (FAA), Aviation System Standards (AVN) pilots in aircraft types identified in Section B, Supplies, Services, and Prices/Cost, and in accordance with:

a. Title 14 Code of Federal Regulations (CFR) Part 135 and 142.

b. Terms and conditions of the contract.

1.1 SCOPE OF WORK

This Performance Work Statement (PWS) defines AVN's requirements for pilot training.

1.1.2 The contractor must conduct initial and recurrent pilot qualification and recurrent training for FAA / AVN pilots in an FAA approved simulator. All training must be provided within the CONUS.

1.1.3 The Government will make every effort to enroll two pilots per class. The Contractor must provide concurrent training together at the Pilot-In-Command (PIC) left seat and the Second-In-Command (SIC) right seat positions during simulator training. If AVN crew paring is not possible, SIC training may be waived by the Contracting Officer (CO) or by the Contracting Officer's Technical Representative (COTR) upon written authorization by the CO. The minimum required simulator training device times are "per pilot." For example, during recurrent training, a requirement of 6 hours simulator training per pilot would mean a total of 12 hours of simulator training required for a two pilot class. AVN will contact the contractor to schedule training courses and dates as far in advance as possible. Normally, this will be 6-12 months in advance. When the Government enrolls one AVN pilot per class, it is expected that additional supplementary training may be required. The AVN Training Manager / COTR will approve supplementary training in advance on a case-by case basis.

1.2 QUALITY ASSURANCE

The contractor will permit AVN to perform unannounced monitoring of ground and simulator instruction presented by the contractor when AVN has a student enrolled in training. This will be conducted at no additional cost to the Government.

1.3 The FAA Contracting Officer (CO) will designate in writing the Contracting Officer's Technical Representative (COTR), who will provide direction within the technical scope of this Performance Work Statement as authorized in writing by the CO.

1.4 **DEFINITION OF TERMS**

The following definitions define the terminology contained herein and are applicable as required by the Federal Aviation Regulations (FAR's):

a. **Approved Simulator:** A mechanical and/or electronic device that simulates the full flight characteristics, navigation capability, and all systems malfunction characteristics of a specific type and model of aircraft. It must duplicate the aircraft cockpit throughout with precision, will have at least three axis motion, visual system, be the most modern simulator in the contractor's inventory (Level D simulator or higher) and be approved by the FAA in accordance with 14 CFR Parts 60, 135 & 142 and AC 120-40.

b. **Cockpit Training Device:** A mechanical and/or electronic device that simulates a specific type and model aircraft to provide realistic flight deck environment, instrument responses, systems and performance, and flight characteristics of the aircraft and be approved by the FAA in accordance with FAA Advisory Circular, AC 1130-45 (as amended). This device will be level 4/5 or higher.

c. **Crew Concept:** When one pilot is receiving Pilot-In-Command (PIC) training in a simulator, the other pilot will receive Second-In-Command (SIC) training.

d. **Dry Lease Simulator:** Simulator without a contract instructor/evaluator. FAA provides the instructor/evaluator.

e. **AVN Instructor/Evaluator:** AVN instructor/evaluator used with Dry Lease requirements.

f. **CONUS:** Lower 48 contiguous states of the Unites States of America

g. **AVN:** Aviation System Standards/FAA Flight Inspection Operations Group

h. **Training Session:** One training session constitutes no more than 8.5 hours of duty time in a single day. This includes 8 hours of training and a 0.5 hour meal break. This time period is one continuous period.

1.5 GOVERNMENT FURNISHED PROPERTY/SERVICES

None

1.6 CONTRACTOR FURNISHED SERVICE

a. The contractor must provide training service, aids, and facilities that meet or exceed the requirements of 14 CFR Part 135 and 142.

b. Badges - Crewmember badges must identify the student as "Aviation System Standards - crewmembers name - Aircraft Type".

1.7 REQUIREMENTS

1.7.1 Specific Training Requirements

1.7.2 Initial Pilot Qualifications: The contractor must provide the simulator and training necessary to enable the AVN pilot to pass the practical test to Airline Transport Pilot (ATP) Standards for a type rating on subject airplane, in accordance with applicable FAR requirements and AVN approved training program. The contractor will provide the following:

a. Initial pilot qualification ground school.

b. Initial pilot qualification simulator training including an FAA Part 135 Practical Test to ATP Standards.

c. Training and testing for ATP Certification, if required.

d. Aircraft type rating.

1.7.2.1 All initial pilot training will be conducted in accordance with AVN's approved training program, 14 CFR Parts 135 and 142.

1.7.3 Recurrent Pilot Qualification: The contractor must provide the ground school and simulator training to enable the AVN pilot to remain proficient in aircraft systems and procedures and to complete the AVN FAA approved recurrent program to ATP Standards on subject aircraft. This will be in accordance with the applicable regulations and AVN's Approved Training Program using AVN's Flight Aircrew Checklists and manuals. The contractor will provide the following:

a. Recurrent aircraft systems ground school.

b. Recurrent pilot simulator training including 100% proficiency check to 14 CFR Part 135 standards in a simulator that meets the requirements of Level D (or equivalent simulator) as defined in AC 120-40 (as amended).

1.7.3.1 AVN reserves the right to conduct proficiency checks in AVN aircraft following flight training conducted in a simulator that meets the requirement of AVN's approved training program. The price paid to the contractor will be reduced by the number of hours required to conduct the proficiency check multiplied by the hourly rate.

1.7.3.2 Recurrent training will consists of a minimum of sixteen (16) hours ground instruction and *twelve (12) hours flight training (6 hrs left seat and **6 hours right seat). A maximum of four (4) hours simulator instruction per day or eight (8) hours of ground training per day is permitted. All recurrent training will be conducted Monday through Friday on consecutive days.

*Includes time required to conduct proficiency check

**Right seat time requirement may be waived with approval of the CO, COTR or Training Manager

1.7.4 Supplementary Training Hours: The Contracting Officer or COTR as authorized in writing by the CO may authorize hours in addition to those specified under the Initial and Recurrent Pilot Qualifications Training when required by the individual pilot to successfully complete a type rating practical test or proficiency check. The contractor must provide the approved supplemental training, at the priced hourly rate in accordance with Section B, Supplemental Training CLINs, per individual aircraft type specified therein.

1.7.4.1 The contractor will provide additional simulator training sessions to include approved instructors and check airmen, as required, to conduct 14 CFR Part 135 .293 & .297 proficiency checks in accordance with AVN's approved training program. These sessions will be stand-alone sessions and will not be in conjunction with pilot initial or recurrent training. The contractor must provide the approved supplemental training, at the priced hourly rate in accordance with Section B, Supplemental Training CLINs, per individual aircraft type specified therein.

1.8 GENERAL TRAINING REQUIREMENTS

1.8.1 All training must comply with AVN's training program that has been approved by the FAA under 14 CFR Parts 135, 142 and 91. All training curriculum must comply with 14 CFR Parts 135 & 142.

1.8.2 The contractor must provide instructors and check airmen who have a thorough knowledge of all AVN aircraft systems, normal and emergency procedures, and operational techniques. (See CDRL A000X)

1.8.3 The contractor must provide names of ground school instructors to the Contracting Officer or COTR. Contractor training staff will be reviewed and approved by AVN's Manager of Training prior to instruction of FAA Pilots.

1.8.4 The contractor will provide all documentation required by AVN's Primary Operations Inspector (POI) for approval of contract check airmen via an internet website. All documentation will be updated and remain current and accessible by AVN's regulatory compliance personnel.

1.8.5 Only contract check airmen who are approved by AVN's POI will conduct initial type checks or proficiency checks on AVN pilots.

1.8.6 Initial training must include the availability of a Cockpit Training Device level 4/5 or higher.

1.8.7 All simulator training will conform to the Principles of "Crew Concept" and Crew Resource Management (CRM) integration.

1.8.8 The contractor must provide Aircraft Flight Manual(s) for specific aircraft type or a "Flight Training Manual" (that is equal in content) for each AVN pilot at Initial Pilot Qualifications training. The contractor must provide current manuals to each AVN pilot for use during subsequent recurrent training.

1.8.9 The Government will designate AVN pilots who are to report to the contractor's facility for training. In the event the AVN pilot fails to report as scheduled, the contractor must promptly notify the AVN Training Manager or COTR. AVN may cancel a training date with two (2) weeks notice prior to the scheduled training date at no cost to the Government.

1.8.10 Except in unusual circumstances, any changes to the training schedule made by the contractor must be coordinated with AVN as soon as possible, but no less than thirty days prior to the scheduled training date.

1.8.11 The contractor must provide all training necessary to enable the AVN pilot to pass the appropriate pilot Practical Test or proficiency training/checking as applicable. If the AVN pilot cannot complete the training or has not passed the applicable pilot practical test or proficiency training/checking, the contractor must withhold further training and promptly notify the AVN Training Manager and COTR who has the authority to authorize additional training.

1.8.12 The contractor must notify the COTR of each AVN pilot's completion of training by electronic means as determined by AVN within 3 working days after completion of the training. Upon completion of the training, the contractor must require each trainee to complete an end-of-course evaluation of the training and submit the course critique to the COTR. (SEE CDRL AOOX)

1.8.13 Upon successful completion of training, the contractor must forward AVN approved documentation through electronic means as determined by AVN to the AVN Training Manager and COTR no later than 3 business days after completion of training. (SEE CDRL A00X)

1.8.14 The contractor will provide the total number of training slots between 6:00 am and 10:00 pm.

1.8.15 If requested by AVN, the contractor will provide single points of contact (to include sub-contractors) for all scheduling and regulatory compliance communications and coordination.

1.8.16 All training centers/facilities providing training to AVN pilots through a sub-contract with the primary contractor will abide by all terms of this contract and will be approved by the AVN Director of Operations. All sub-contractors will be identified prior to the award of any contract.

1.8.17 All Pro Line 21 simulator training will be conducted in a BE-30 simulator (level D or higher) approved by the FAA in accordance with 14 CFR Parts 60, 135 & 142 and AC 120-40.