

KIRILA FIRE TRAINING FACILITIES, INC.

DESCRIPTION OF SERVICES

SSU-QI AIRCRAFT FIRE TRAINING FACILITY SPRING START UP WITH SEMI-ANNUAL INSPECTION

This service consists of performing spring start up activities for standard Aircraft Fire Training Facilities as explained in the service description of Item SSU. This work also includes a Semi-Annual Inspection as recommended by AFCESA (AFCEC) and described in Item QI which consists of performing a Semi-Annual Inspection (per Technical Order Developed by the Air Force Civil Engineering Support Agency) and developing a full report of all findings. The report will also include recommendations to repair any found deficiencies with a cost analysis breakdown of what the recommended repairs should cost.

SSU AIRCRAFT FIRE TRAINING FACILITIES SPRING START UP

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This work consists of:

- Verify that the rectifier is in service for the cathodic protection system
- Lubricate all electrical panel hinges, switches, etc.
- De-winterize all igniters and assure good solid ignition
- Check that any applicable pumps and/or lift stations are fully operational
- Check and verify that all identification and warning labels are intact, clear and legible
- Exercise the water system and adjust to assure that all functions are operating at the proper pressures
- Fill the Burn Pit to operating level and assure that igniter coolers are adjusted properly
- Treat the water of the conservation pond to help prevent algae growth
- Verify that the mechanical emergency shutdown valves associated with filling the propane tank are functioning properly and serviced
- Check and verify that the propane tank float gauge is operational
- Check and verify that the propane tank roto-gauge is operational
- Check and verify that the propane tank pressure gauge is functioning
- Operate the entire propane system assuring that all burners are functioning properly and that all emergency shutdown times are achieved
- Perform thermal cycles on the propane system and perform leak test at all connections
- Perform common maintenance on all propane parts and equipment as recommended by the manufacturer
- Perform a pressure test on the Nitrogen System
- Service all Nitrogen Pilot Valves
- Generate a full and complete report of all work performed and minor repairs made
- Crews will also stand ready while scheduled fire training evolutions are performed to make any burner adjustments, minor repairs, etc., as training continues
- Debrief the Training Chief or representative of the Fire Department of all work performed and findings
- This work will be performed by a crew of technicians who specialize in the maintenance and repair of Aircraft Fire Training Facilities. This scope of work includes all mobilization, demobilization and labor as necessary. This crew will be on site with a support trailer equipped with spare parts, pumps, welders, torches, air compressors, etc., to perform all required work and make minor repairs as necessary