

**MANAGER LINE MAINTENANCE**

Telephone: +971 2 5057556

Fax: +971 2 5757627

P.O. Box 46450

Sita: AUHGS7X

E-mail: IMohamed@gamco.ae

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10th September 2007

**The Administrator
Federal Aviation Authority
U.S.A.**

Dear Sir,

Subject : Aviation Maintenance Experience
Mr. Chander Shekhar Bhagat

Please accept this document as official verification and validation of the acquired aviation maintenance experience of Mr. Chander Shekhar Bhagat who has worked under my direct supervision on a full time basis (at least an eight (8) hours a day, and at least a five (5) days work a week) from 16th August 2005 until the present as an Aircraft Maintenance Technician. This document has been prepared for the candidate who intends to sit for written examination.

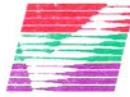
The type of the Aircraft and their respective powerplants that Mr. Bhagat gained his maintenance experience are as follows:

- A340 Airframe with GE90-115B Engine
- A320 Airframe with CFM56-5B & V2500 Engine
- A330 Airframe with CF680-EI Engine/Trent-700 Engine
- B767 Airframe with CF6-80C2 Engine
- B777 Airframe with Trent-500 Engine

AIRFRAME EXPERIENCE**Electricity**

Use of electrical schematics and test equipment to troubleshoot and diagnosis various AC and DC system malfunctions. Component replacement, component and system operational checks. Wire repair by splicing, wire installation, kit and modification installations. Terminal block installation and repair, switch, relay, circuit breaker, bulbs, transmitter, transducer repair and replacement. Resistance, voltage, amperage and continuity checks, calculate electrical loads. Aircraft battery inspection, installation and deep-cycle.





Instrument and Warning System

Instrument inspection for serviceability, proper range markings, glass slippage. Operational checks of instrument systems. Pitot static checks and verifications, leak repair, installations and removal of instrument. Troubleshooting and rectification of defects.

Communication and Navigation

Inspection, removal and installation of various communication components, antenna inspection and replacement, Coaxial cable inspection, Radio mount inspection.

Blueprints, Technical Manuals

Comprehensive knowledge and understanding of Aircraft blueprints, technical manuals, parts catalogues, service bulletins and electrical schematics.

Weight and Balance

Preparation of aircraft for physical weighing by removing unnecessary equipment, draining of oil and fuel to unusable and undrainable levels. Jacking aircraft, levelling of aircraft, and taking weight reading using load cells. Weight and balance calculations for removed and installed equipment. Addition and removal of ballast to establish center of gravity limits.

Materials and Processes

Comprehensive knowledge and understanding of AN, MS aircraft hardware, including cable inspection and repair, fluid lines and fittings, and line fabrications of flexible and rigid fluid lines. Use of fiberglass for repairs of cowlings and fairings. Use and safety precautions when using toxic chemicals and solvents. Has performed dye penetrant inspections, Comprehensive knowledge and understanding of torque wrenches and torque chart precision measurement instruments such as caliper, micrometers, hole gauge, and dial indicators.

Ground/Flight Operations, Servicing/Inspections and Corrosion Control

Knows and understands aircraft hand and light signals. Servicing hydraulic, oil, and fuel fluid levels, and associated filters replacement. Servicing landing gear struts, and tires. Corrosion, inspection, removal and treatment, and prevention. Vibration analysis and rectifications procedures on ground and in flight. Performed ground and flight operational checks of all systems. Has performed all levels of airframe inspections, and flight control rigging.

Sheetmetal

Use of hand drills, air drills, rivet guns, bucking bars, shears, and brakes. Performed sheet metal repairs such as splicing, flush patches, and scab patches. Repaired structural members using standard practices and manufactures structural instructions. Performed repairs to honeycomb panels and fiberglass cowlings and fairings. Installed and removed solid and mechanical rivets. Calculated bend allowance, setback and rivet layout.





Aircraft Systems

C/O operation and functions checks, inspection, servicing, troubleshooting and defects rectification, SB's, AD's on airframe associated systems including ATA chapters 12, 21, 22, 24, 25, 26, 27, 28, 29, 30, 32, 35, 36, 38 and 45.

POWERPLANT EXPERIENCE

Oil Systems

Servicing engine oil systems, filter replacement, priming the systems, draining the system. Inspecting engine oil system, lines and components. Replacing oil system components. Magnetic plug inspections, and systems test. Troubleshooting and defects rectification.

Ignition System

Ignitor tests, replacement, inspection. Igniter harness inspection, test and replacement. Ignitor box tests, replacement, inspection. Troubleshooting and defects rectification.

Fuel System

Fuel control adjustments, replacement, rigging, inspections and tests. Fuel pump tests, replacement and inspection. Fuel nozzle shimming, cleaning, inspections and replacement. Troubleshooting and defects rectification.

Electrical Systems

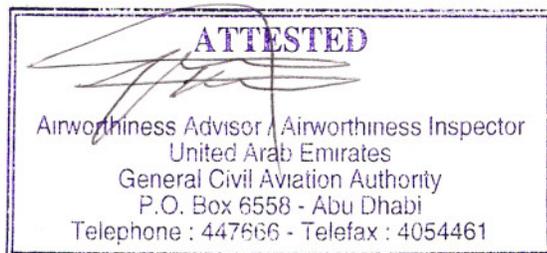
Inspection, troubleshooting, repairs, harness installations during engine replacements.

Engine removal, and installations. Compressor inspections and cleaning. Hot area inspections. Power assurance checks. Troubleshooting low power problems. Torque splits, N1 topping checks.

Since Mr. Bhagat meets the eligibility requirements and experience required pursuant to FAR Part 65 Section 65.71 and 65.77, I highly recommend him for his A&P license.

Yours faithfully,

Ismail Mohamed
Manager, Line Maintenance



Approved by: **Maged Gurgis**
Manager, Quality Assurance