



APPENDIX 'D1'
(Refer to AFO 13398)



INDIAN AIR FORCE

TRADE PROFICIENCY CERTIFICATE

This is to certify that Service No: 765290-R Rank : Sgt Name: Brajesh Trade: Air Frame is a combatant member of Indian Air Force from 15 Nov 1990 to 30 Nov 2010 and attained Aircraft Maintenance Experience of 20 years in First and Second line servicing on the following a/c & helicopter during his training and service career:-

- > HS-748 (AVRO) fitted with RR Dart Engines - 13 years experience
- > Chetak - Cheetah helicopter fitted with Artouste 39 - 05 years experience

His area of work experience covers the following:

- Preventive maintenance, periodic and removal and fitment of Major components of A/c, bay servicing of components, aircraft storage servicing, preservation, supervisory checks, airworthiness certification, technical documentation, logistic field procedure.
- Major Servicing of HS-748 (AVRO) A/C at 5 BRD for 5 years/ Implementation of corrosion prevention and control programme.
- A/C flight safety, investigation of A/C incident, accident, emergency situation handling, Crash Crew management.
- Snag analysis, rectification, A/C refuelling, defuelling, and ground handling of heavy A/C and helicopters.
- NDT testing of A/C structure and wheel hub by Eddy Current Tester, DII Penetrate Method and Endoscope.
- Quality control checks carried out on A/C fuel and Hydraulic oil by Particle Count Tester and Hyd patch test kit.
- Sheet metals, Composite Materials, fuel tank repair, Pneumatic & Hydraulic pipelines and high temperature exhaust system.
- Teaching experience of 5 years in IAF. Production, planning, control, material management, A/C Technical Manuals and Part Catalogues.
- Checks by Vibrex Analyzer/ Strobex track check, static and dynamic balancing of main and tail rotor blade.
- Elementary knowledge and experience of working stress and strain in metals, hydrostatic, growth defect, physical properties of ferrous and non-ferrous metals & its alloys. Calibration & testing of Mechanical Testers at Testers Calibration and Repair Lab 5BRD.
- Maintenance of airframe (consisting of fuselage, main plane, ailerons, tail unit and landing gears) by process of filing, drilling, tapping, bending, riveting, specific replacements or repairs of components where necessary by case hardening, tempering and annealing. Ramp operations, Loading and Lashing of A/C.
- Working as Team leader and well experienced in organising team work.
- Handling of small arms for installation security and aviation security. Fire fighting operations and operations of equipments.
- Supervisory activities for A/C loading, lashing, Ramp operations, Heavy A/C towing, aircraft emergency situation handling, tarmac management, refuelling & defuelling of A/C and other ground handling activities from 01 Jun 04 to 30 Nov 2010.

He is sincere and devoted towards the task assigned to him. His unflinching loyalty is beyond question.

PLACE: 414 AFS

Date: 30 Nov 10




(Vibranth)
ACC Station Commander,
414 AFS