

OCCUPATIONAL SPECIALTY SPECIFICATION

Pilot

Last modified: 22 Jul 2021

OSS

A set of unique tasks, knowledge, skills and attitudes required to perform a specific job. The specific job can be performed by one or more occupations, for which not all personnel in those occupations are trained.

Section 1 - General

Introduction

Pilots are required to follow certain pre-flight protocols prior to take off. This report aims to capture those requirements.

Scope

Pre-flight protocols

Working Conditions

All weather conditions, day and night.

Selection Criteria

Pilots with 2000 hours flight experience on the 700 Series Aircraft.

Method of Qualification

Pilots must have minimum 5 years flight experience, along with 2000 hours of direct flight experience on the 700 Series Aircraft.

Section 2 - Performance Requirements

Tasks	Level
401 - Prepare for a flight	3
402 - Perform ground handling	3

Skills	Level
Flying Orders	3
Aircrew Life Support Equipment and operating procedures	3
Normal operations checklist	3
Normal operations checklist	3
Radio voice procedures	3
VHF radio systems and operating procedures	3
IFF/SIF systems and operating procedures	3
Engine start, ground checks, and shutdown	3

Knowledge	Level
Aeronautical terminology	3
Organization of orders	3
Aeromedical requirements	3
General flight rules	3
Visibility	3
Thunderstorms	3
Atmospheric phenomena	3
Survival equipment	3
Mission designators	3
CF aircraft forms, reports, and returns	3
Flight authorization procedures	3
Verbalization of checklist items	3
Airframe	3
Flight controls	3
Engine and oil	3
Propeller	3
Fuel system	3
Electrical system, lights, stall warning	3
Ancillaries - Gear, brakes, flaps, hydraulics, nose wheel steering	3
Environmental - Heating system, ventilation, air conditioning	3
Foreign Object Damage (FOD)	3
Phonetic alphabet	3
Aeronautical visual signals	3

Gyroscopic principles and applications	3
Principles and operation of flight instruments	3
Altimetry	3
Pre-flight equipment checks	3
Marshalling signals	3