

SECTION I

DESCRIPTION

(AIRCRAFT MODIFIED UNDER THE OFFENSIVE COMBAT
IMPROVEMENT PROGRAM)

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INTRODUCTION

This section describes systems which modify the F-117A aircraft under the Offensive Combat Improvement Program (OCIP). Information not presented is common to WSC/WBI aircraft and is found in F-117A Utility Flight Manual (F-117A-1).

OFFENSIVE COMBAT
IMPROVEMENT PROGRAM

Aircraft modified under the Offensive Combat Improvement Program (OCIP), Service Bulletin N-2618 installed, have additional navigation and display capabilities.

ENGINE FIRE WARNING SYSTEM

ENGINE FIRE WARNING LIGHTS

The red FIRE warning light on the left side of the main instrument panel has been removed. The light

on the right side of the main instrument panel is blank (see Figure FO-1). The light is non-functional but will illuminate when the fire detector system is tested.

ENVIRONMENTAL CONTROL
SYSTEM

The environmental control system provides all the functions as described in F-117A, Utility Flight Manual (TO 1F-117A-1); however, due to increased avionics cooling requirements, a 60°F system is provided (see Figure FO-2). This air is used to cool the INS Interface Electronics Unit (IEU), the weapon system computers (WSC-1 and WSC-2), and the stores management processor (SMP) located in the right check bay. In the right forward equipment bay, this air cools the RLS computer and the map display processor. In the left forward equipment bay, it is used to cool the CMDI color display processor. In the center E bay, it is used to cool the RLS local oscillator unit, interface unit and power supply unit.