



# **THE UKMIL ITALIAN MERLIN HEW/ASH/ASW**



**OPERATORS MANUAL**

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# INTRODUCTION

Welcome to the UKMIL Italian Merlin . This helo has been designed in GMAX for Microsoft Flight Simulator 2004. In this pack, you will get

- 3 Versions. With different loads
- HEW/ASH/ASW
- 2 Texture Sets

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# **Contributions**

## **Model Designers**

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## **Panel Designers**

Ben Hartmann

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## **Texture Designers**

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## **CFG and AIR File Designers**

Chris Halpin

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## **BETA TESTERS**

Thanks to the UKMIL CLUB members for their feedback on this. If you want sneak previews of the ukmil aircraft, then join the Club over at <http://www.ukmil.org.uk>

## **OTHER INCLUSIONS**

We have included many other designers files such as gauges, and sounds, so we thank them for their work in these areas, and allowing freeware designers to use them in their products

# GENERAL FEATURES



## Crew Door

This can ONLY be opened using the Panel switch



## Winch Door

This can be opened using the SHIFT + E command or Panel Switch



## Ramp

This can be operated using the TAILHOOK command, *only operates on the ASH model*



## **WINGFOLD**

This can be operated using the  
TAILHOOK command, *only*  
*on the ASW and HEW models*

## PANEL DESCRIPTION



- 1 *CLOCK*
- 2 *TORQUE GUAGE*
- 3 *AUTO HOVER GAUGE*
- 4 *AUTOPILOT*
- 5 *LANDING GEAR INDICATORS*
- 6 *LIGHTS AND PARKING BRAKE*
- 7 *MFD 1 – FUEL AND ENGINES*
- 8 *MFD 2 - NAVIGATION*
- 9 *ENGINE START PANEL*
- 10 *RADAR [OFFLINE MODE ONLY]*
- 11 *ALTIMETER*
- 12 *CREW/WINCH DOOR BUTTONS*

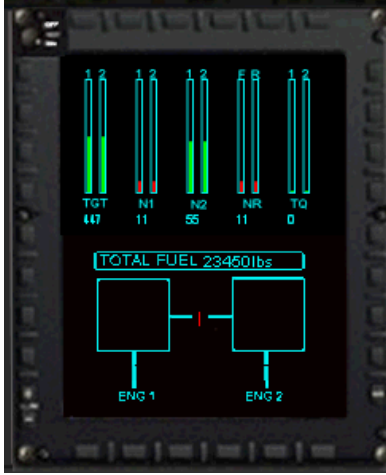


## ENGINE STARTING

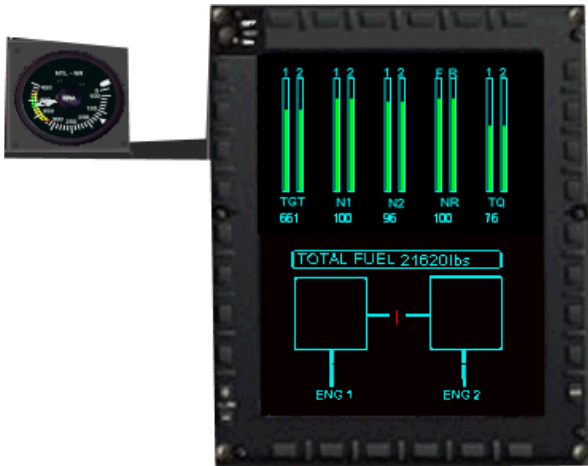


To start the merlin engines;

- Press the START PANEL button
- Switch on the Battery [1]
- Switch on the Avionics [2]
- Switch on the Generators [3]
- Switch on the Fuel Flow [4]
- Engine Start button [5]



You will now see the N1 and NR gauges rise on the MFD1. They will rise and sit at idle at around 11. Once this has been achieved, increase the Collective [throttle] slightly, until you see the units begin to rise on the MFd and torque gauge.



Leave the Collective at this setting, until all the Readings on the MFD1 turn green and the needle on the torques Gauge is in the Green Section, then back off the Collective. You are now ready to take off!

## AUTO HOVER AND PILOT



The Auto Hover gauge must be used in the following sequence

- Turn in the gauge by pressing the toggle ON/OFF
- Click the Hover cover guard, and it will lift
- Click the HVR button, and it will illuminate GREEN and AUTO HOVER will not be in operation
- Height is preset to 100 FT, but can be adjusted either on the gauge by the UP/Down arrows, or by using a joystick. To go up, use the **FLAP INCREMENT DOWN** command, and to go down, use the **SPOILER** command
- To disengage just press the Green HVR button

Please note, you can only engage the Auto hover at speeds below 40 Knots

The Autopilot does not work like a conventional aircraft. It is basically an auto stab. Whiles flying, to engage just press the STAB button. The YELLOW indicator will now go OUT. This indicates Auto stab is active. You helo will

now remain at the attitude in both pitch and roll it was when auto stab was selected.

Have fun

The UKMIL TEAM

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