Bear Studios MiG-15Bis and MiG-15Uti

V1.5.8 Update Features:

1,All feathers from V1.5.7

2,Additions and Modifications:

2.1,For single-seat fighter and dual-seat trainer, glass cover shapes have been added to the cockpit instruments, and the positions of the instrument components have been adjusted accordingly to accommodate the added cover shapes.





2.2,Cut holes on console and dashboard which instruments mounted.

Avoid surfaces between the instrument dial and backplate.,to prevents shadows rendering issues occurring on some certain graphics cards.



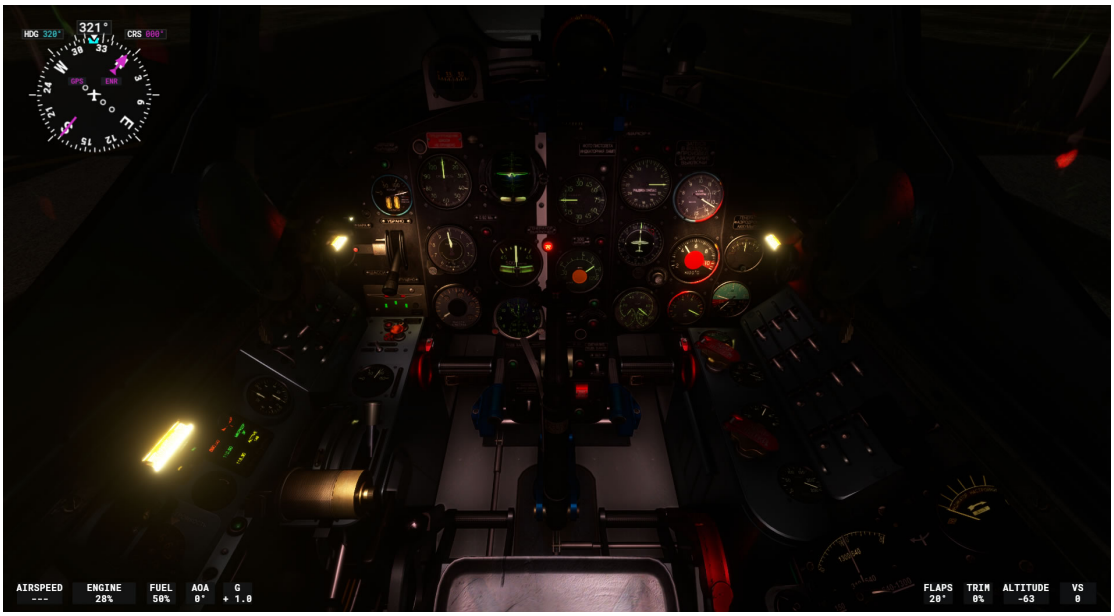
2.3,Cockpit placards originally attached to the console and dashboard have been separated into distinct decal objects, and corresponding high-definition decal textures have been added to the texture system.



2.4,Redesigned the IFF control box to improve visibility of the transponder code display window, and prevent rendering issues with the control box's backplate.



2.5,Implemented an automatic backlight activation mechanism for the K-7 ADF radio navigation control box's dials and signal meters when it power up, while retaining manual brightness adjustment capabilities.



2.6,Added dedicated lighting effects and self-illuminating shapes for cockpit flood lights, make illumination on lamps itself and structure forward them (not include the UV lamps,the UV light illuminating the instrument backlight is invisible).



2.7,For the dual-seat trainer aircraft, a retractable gunsight camera component has been added.

its initial installation status (installed or removed) is determined by the aircraft's default configuration.


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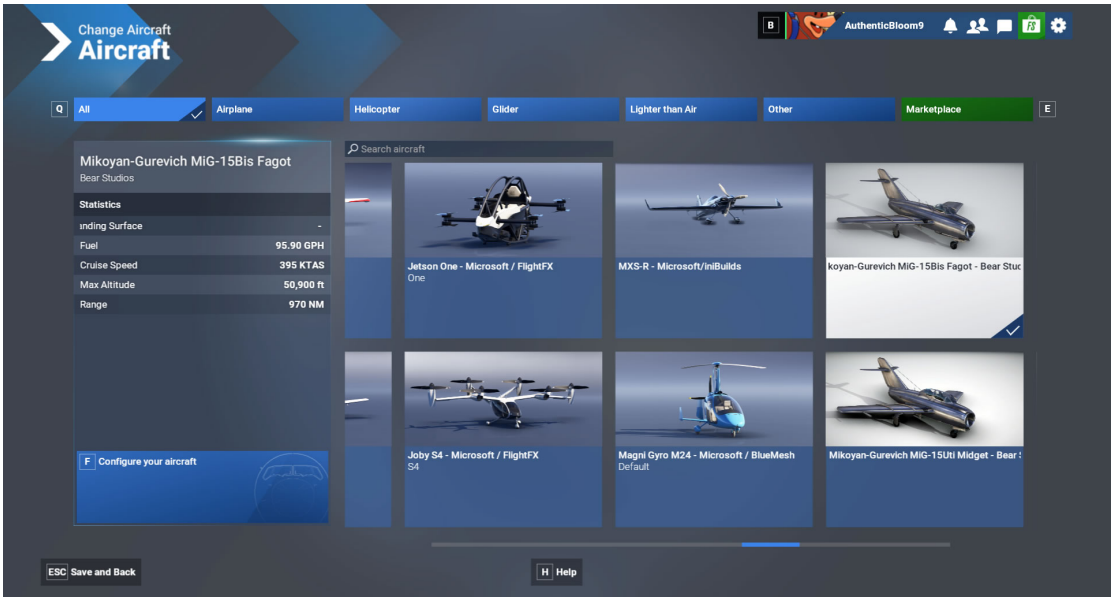
During flight, the this component hide or visible can be controlled via first 2 circuit breaker buttons in the cockpit.

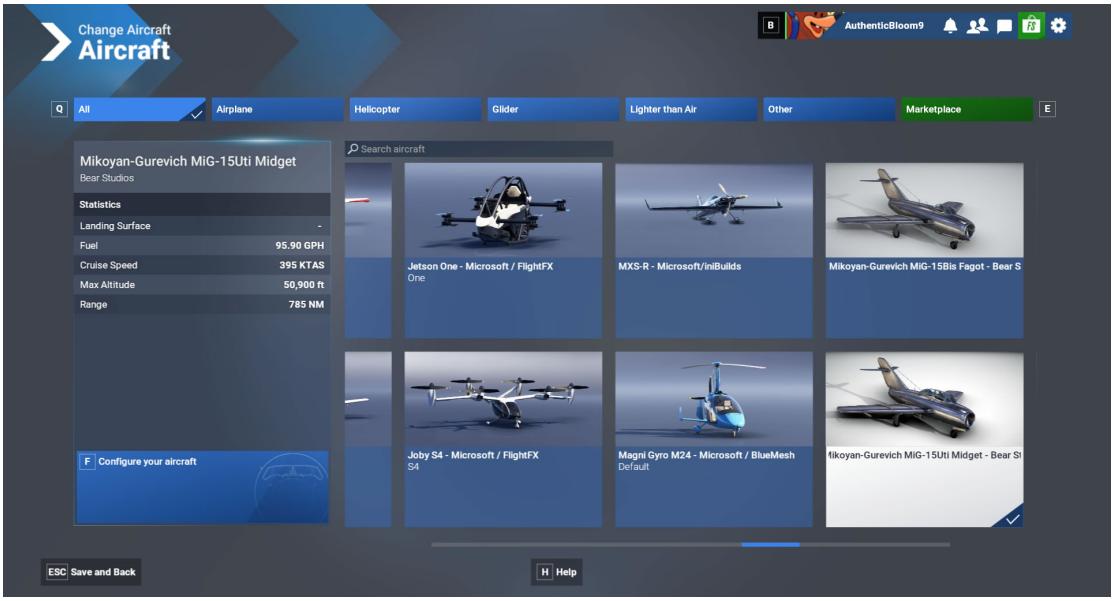


The camera component features unique texturing and includes working control buttons reserved for potential future functionality enabled by system upgrades.

3,Debugging:

3.1,Verify the cruise fuel consumption of single-seat fighters and dual-seat trainers,which equipped with different engines, ensuring their theoretical cruise range and endurance substantially align with the data in the manual.





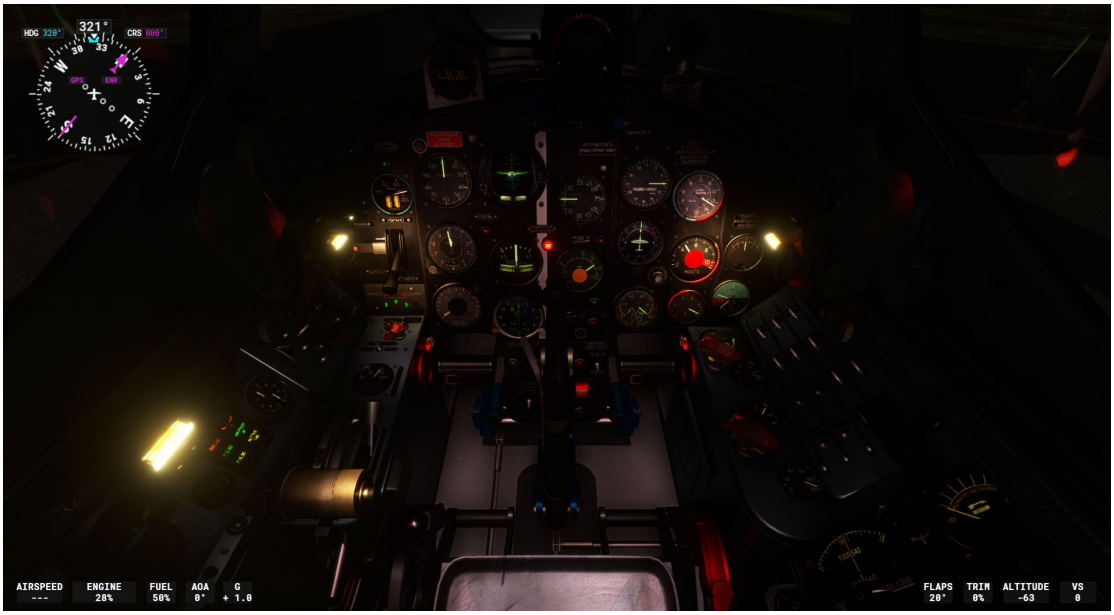
3.2,The aileron trim tab reversal issue has been corrected.

Now, when the aileron trim rocker switch be pressed to directions for desired roll, the aircraft will increase roll trim to that very direction.



3.3,Modified the control logic codes for self-illumination brightness of the cockpit's left-side flood light, to ensure compatibility for different rendering on FS2020 and FS2024 platforms.







4,Compatibility:

Aircraft add-ons function correctly on the latest MSFS2024 System Update (SU4) and MSFS2020 Ver1.39.9. Also maintains backward compatibility for MSFS2020 Ver1.29.0.