

Discus HXH Maintenance and New Equipment Guidance Notes.

The glider is now fitted with a new Aluminium Oxygen bottle and regulator.



The bottle can be removed by disconnecting the stainless steel pipe on the side of the regulator, removing the clamp top half via the butterfly screws behind the regulator on the bottle and flipping the rear clamp lever with a long stick. Ordinarily this bottle will never need to be removed unless access is required. To fill up the bottle, remove the regulator which is just hand tight and screw the oxygen supply fitting onto the bottle. Just a small amount of tightening is required with a spanner. Be sure to close the bottle valve at the regulator and depressurise the system by switching the Mountain High controller at the side of the cockpit off and on a couple of times. If there is pressure at the regulator it will not come off.



The Bottle pressure gauge is new but remains in the same position as before. You will note that the radio microphone has been replaced. Please take care not to put too severe a bend on this boom as it will break right at the fixing bracket.



There is now an extension provided with the Oxygen fill up equipment which allows the operator to access the bottle from the cart. Just nip up the big brass nut onto the bottle valve.



The rear panel behind the seat has been repaired and a retaining screw provided. Please ensure that the small screwdriver is placed back in the side pocket after use. Also, the retaining screw is loose. Be sure to put it in the side pocket when you remove the back panel.



A PLB has been added to your safety equipment. It is hanging on an elastic strap on the right hand side. It can be accessed easily while you are in the cockpit should you have an emergency. Please be sure to read up on the activation procedure. A leaflet is in the side pocket.



The Oudie is now mounted on a new flexible boom which brings the instrument closer to you and more easily kept clear of the control stick. The boom, like the radio mic. will provide a lot of movement but it too can only tolerate so much. There is an additional adjustment right behind the Oudie to allow you to easily rotate and adjust the instrument.



The Transponder is placed in the bottom right hand corner of the panel with a two way toggle switch left of the Master Switch. A Circuit Breaker lies immediately above the switch. This picture also shows the Oudie flexible boom mounted just above the Transponder.

Please take some time to read up about Funke Mode S Transponders. HXH has been assigned a unique identity which will advise Air Traffic that you are a Glider and your Registration. Be sure to return any assigned SQUAWK to 7000 after use so that later users do not inadvertently switch on the instrument and activate a historical squawk frequency. Remember, 7700 is the emergency squawk.