

FSG 400-02

AIRCREW INADVERTENT EYE EXPOSURE TO LASERS

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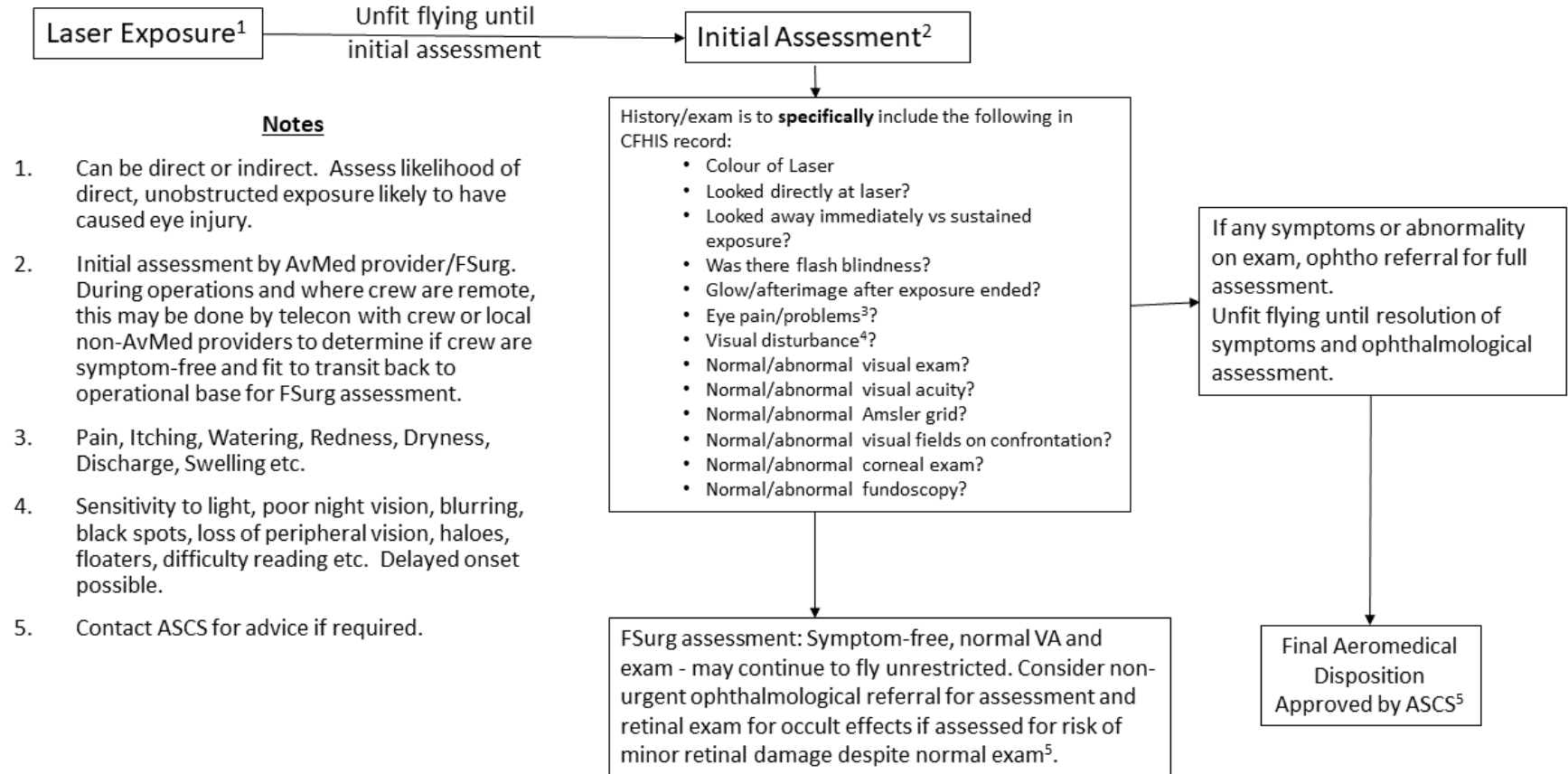
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GENERAL

1. Aircrew are becoming more frequently subjected to malicious or accidental ground-based laser exposures. Effects vary from distracting dazzle with no sequelae (common) to the possibility of permanent retinal damage (rare).
2. In most cases even where aircrew have glanced briefly directly at the laser with transient visual effects the probability of permanent damage remains low. Nevertheless after each exposure aircrew should have a full eye assessment by an aviation medicine provider as soon as practicable after the exposure. Annex A provides details of the procedure to be followed.
3. As the most likely outcome of a laser exposure is short-lived with no lasting damage, the aim of assessment is to minimize operational impact and facilitate return to flying as soon as possible. Flight Surgeons may consider delayed examinations where appropriate. Even where there are no obvious after effects there is a very slight possibility of occult retinal damage; however as there is no interventional treatment delayed examination may be acceptable in asymptomatic aircrew examined IAW Annex A.

ANNEX A - POST EXPOSURE ACTIONS FLOWCHART



ANNEX B - DND 2776 AMSLER GRID

