

EDS MODEL D1 OXYGEN SETTINGS

Pilot suggestions only - see Owner's Manual details)

"Basic" oxygen flow = 1L/min/10000'

N = automatic - gives "basic" O2 from SL to 34000'.

OK for nasal catheters to 18000'

D5, 10, 15 = "basic" as above but doesn't start O2 flow until 5000', 10000', or 15000' reached. Saves O2 low down.

F10, 15, 20, 25 = adds more O2 as a "floor" to "basic" at the "basic" rate of 1L/10000'.

EXAMPLES

At 10000' with F10 = 1.0L "basic"+ 1L "floor" =2.0L

At 20000' with F10 = 2.0L "basic"+ 1L "floor" =3.0L

At 20000' with F20 = 2.0L "basic + 2L "floor" =4.0L

OK for masks over 18000', or health problems.

R/M = **FOR EMERGENCY** - each breath = ½ sec at 10L/min

ALARMS:

Green LED flashes with every breath-O2 pulse delivered

Red LED flash every 2 secs = low batt (OK 4 hours more)

Red flash every sec = REPLACE

Red steady = dead battery - non functional

Red LED ON + AUDIO = no breath for 45 secs, OR system

malfunction. Take breath. If stays on **GET DOWN**

then check system connections lower or on ground.

SEE OTHER SIDE FOR SUGGESTED PREFLIGHT

SUGGESTED PREFLIGHT

Pilot suggestions only - see Owner's Manual details)

A. IF ARE PREFLIGHTING AT UNDER 5000':

1. Turn unit to "N" - get warnings at 45 secs

Because unit is ready to deliver O2 but senses no breath

2. Take breath - feel pulse of O2 - warnings go off.

Wait 45 secs - warnings recur

3. Turn unit to "D5"-should NOT get warnings at 45 secs

Because unit senses you are not over 5000'

4. Turn unit to F10 - get warnings at 45 secs

Because are on "basic" flow that starts at SL + the "floor".

5. Turn unit to "R/M" - breathe - check "emergency" pulse.

6. Turn unit to desired "N", "D", or "F" setting.

B. IF ARE PREFLIGHTING AT OVER 5000':

1. Turn unit to "N" - get warnings at 45 secs

Because unit is ready to deliver O2 but senses no breath

2. Take breath - feel pulse of O2 - warnings go off.

Wait 45 secs - warnings recur

3. Turn unit to D5 - get warnings at 45 secs

Unit is over 5000' and ready to deliver O2 but senses no breath

4. Take breath - feel pulse of O2 - warnings go off.

5. Turn unit to D10 - should NOT get warnings at 45 secs

Because unit senses you are not over 10000'.

6. Turn unit to F10 - get warnings at 45 secs

Because are on "basic" flow that starts at SL + the "floor".

7. Turn unit to "R/M" - check strong "emergency" pulse.

8. Turn unit to desired "N", "D", or "F" setting.

David Reed M.D. Boulder, CO