



EMERGENCY EQUIPMENT

Because a parachute lowers the pilot at a rate of only 1000 fpm., high-altitude bailout is extremely dangerous without a supplemental oxygen supply. The H-2 Emergency Bailout Assembly consists of a small oxygen cylinder which can be connected by means of a short rubber tube to the MC-3A connector on the A-13A mask. The H-2 assembly is not intended to provide sufficient oxygen for a gradual descent, and will only allow the wearer to bail out and free fall to an altitude where survival is possible without additional oxygen. The H-2 system is usually fastened to the pilot's thigh by means of the straps which are attached to the carrying case. In this way it is instantly available for use should bailout be necessary.

In the event an oxygen system fails at high altitude, bailout using the H-2 emergency system would become mandatory unless an auxiliary system were available. In conjunction with RAINCO, Zep Aero has developed a small, 7 cu. ft. Emergency Portable Cylinder which will permit descent without bailout in emergencies. The cylinder, complete with pressure gage and valve, is 3.5" in diameter, 16.0" long, and weighs only 4.8 pounds. The system can be quickly connected (by means of the plastic tube and fitting) directly to the MC3-A bailout adapter on the mask. When the valve is opened, the system supplies a continuous flow of oxygen to the mask at relatively high rates, allowing the pilot to descend without having to use his parachute.

H-2 Emergency Bailout Cylinder Assembly, thigh mounting, with 24" hose and connector assembly, 6" pull cable, and carrying bag, filled \$52.60
7 cu. ft. Emergency Portable System, with valve, pressure gage, special orifice, 36" tubing, 41A-2988 Fitting Adaptor, and carrying strap, filled. \$64.50

COMPONENT OVERHAUL

Price includes complete overhaul to latest manufacturers and MIL specs, with 100% replacement of all rubber and silicone parts and gaskets. Additional parts and material required for overhaul will be billed at standard list price. Government Source Inspection is available. F.A.A. Approved Repair Station #4073.

A8A	.....	\$ 39.25
A-14	.....	49.20
MD-1	.....	123.70
AN6029-1 Blinker	.....	10.95
H-2 Bailout	.....	29.90

CYLINDER OVERHAUL PRICES

Standard weight cylinders with the ICC 3AA 1800 identification require hydrostatic testing every five years.

Light weight cylinders with the ICC 3HT 1850 identification require hydrostatic testing every three years, and must be retired from service after 12 years of service.

Cylinder overhaul prices include hydrostatic testing, cleaning interior, and parkerizing interior if required. Strip exterior, repaint, and stencil. Disassemble, clean and test valve. Recharge cylinder, purge, and halogen test for contamination. Any parts required to repair valves are extra.

SIZE	PRICE
4 cubic feet through 22 cubic feet	\$25.50
28 cubic feet through 48 cubic feet	28.50
63 cubic feet through 74 cubic feet	30.50
107 cubic feet through 125 cubic feet	32.50

COMPONENT PRICE LIST

A8A	Regulator, h.p., Continuous Flow, single outlet.....	\$ 67.50	C800349-1	Tee, h.p., for mounting P500B on A14	\$ 5.90
A8A	Regulator, h.p., Continuous Flow, dual outlet.....	78.00	AN6029-1	Indicator, oxygen flow blinker	24.00
A14A	Regulator, h.p., Diluter Demand Pressure Breathing, with MIL-Z-7944 Blinker and new 0-3000 p.s.i. gage installed	102.50	Z337	Tubing, 3/16" copper, cleaned and hydro-tested for h.p. oxygen	1.10
A14A-S	Regulator, h.p., Special Dual, Diluter Demand Pressure Breathing and Continuous Flow, with MIL-Z-7944 Blinker and new 0-3000 p.s.i. gage installed	121.50	ZS821	Line Assy., h.p. copper, A8A to cylinder, 12", 24", 36", 48" and 60" stock. Add \$1.10/ft. over 60". Specify length	12.50
AN6012-1A	H.P. Line Valve	19.80	ZS710	Line Assy., h.p. copper, ZF310 nut & cone assy. one end, 1966D inlet nut and 1957AL inlet tailpiece other end, 12", 24", 36", 48" or 60" stock. Add \$1.10 per ft. over 60". For connecting A14A to cylinder and for other oxygen plumbing	11.25
P500B	Gage, 0-3000 p.s.i., regulator mounting, new manufacture	18.00	ZS711	Line Assy., h.p. copper, ZF310 nut and cone assy. both ends, 12", 24", 36", 48", or 60" stock. Add \$1.10 per ft. over 60". For misc. oxygen plumbing	10.00
A13A	Mask, Positive Pressure Demand, new manufacture, with 48066 hose, MC3-A bailout adapter, less microphone, Sizes: S, M, L.	49.50	AN6003-24A	Tube Assy., mask to regulator, with AN6002-1B connector. For connecting mask to A14 regulator & similar. 24" length (12", 18", 36", 48" & 72" also available)	9.10
#12	Mask, Continuous Flow, silicone rubber, with rebreather bag, less hose and fitting	5.60	ZV861B	Valve, outside filler, with 1027SK cap and chain... ..	43.00
#7	Mask, Continuous Flow, plastic, with rebreather bag, less hose and fitting	2.90	#2	Fluid, Noxal, Mask Sterilizer, with atomizer.	3.75
OT536	Mask hose Assembly	1.25	#15	Recto Seal, thread compound, MIL-T-5542B, tube. .	2.80
ZV852	Oxygen flow indicator, Mask.	2.25	CG-1	Leak Detector, MIL-L-25567A, 4 oz. plastic applicator bottle.	3.25
41A2988	Nipple, Mask, for connecting #7 or #12 mask to A8A	2.95			
ANB-M-C1	Microphone, low carbon, for #7, #12 or A13A masks, installed	36.00			
Z730	Microphone switch and extension cord assembly. .	16.00			
Z732	Microphone extension cord	12.00			

All other parts, lines and fittings available, many from Rainco stock. We will be pleased to forward specifications and prices upon request.

Prices shown include all discounts and are net, F.O.B. Phoenix, subject to change without notice. Filled oxygen cylinders must be shipped via Express, United Parcel, or Motor Freight to comply with ICC Regulations.

A final thought — when ordering a new ship or while building your own — why not have the oxygen system built in. A better mounting job can be done at this time, the ship is weighed and balanced before licensing, and no modifications need be cleared and inspected by FAA.

RAINCO frequently arranges delivery of oxygen systems direct to the manufacturer, both U.S. and foreign. We have the facilities and know-how needed to handle export and foreign customs red-tape, and we will be pleased to assist our customers in any way possible.

A WORD OF CAUTION!

Many authorities recommend that persons desiring to fly at higher altitudes should consult their physician and have an indoctrination flight in a low pressure altitude chamber.

RAINCO suggests that the purchaser refer to the American Soaring Handbook, Chapter 7, Instruments and Oxygen, and also take advantage of the SSA high altitude flight training program.

RAINCO

RADIO AND INSTRUMENTATION
FOR THE CRITICAL SOARING PILOT.

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