

AllClear Aerospace & Defense is prepared to improve turnaround times and increase LOX system customer support. Our international military users will benefit from personalized support that is responsive.

Essex Industries provides the highest quality in design, development and support of the LOX systems that have been flying since 1963. With a full line of equipment to safely support aircraft fleets that operate in tactical, humanitarian, passenger and cargo capacities.

Repair Levels

SYSTEM	VALVES	COMPONENT
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Repair and Overhaul Processes

PAINTING	MACHINING	WELDING
CLEANING	FINISHING	TESTING

CAGE CODE: 19062



ALLCLEAR IS THE EXCLUSIVE DISTRIBUTOR FOR THE ESSEX INDUSTRIES LINE OF LIQUID TO OXYGEN (LOX) CONVERTERS AND LIFE SUPPORT EQUIPMENT FOR AIRCRAFT.



5 LITER LOX CONVERTER

NSN - 1660-00-327-7048
P/N - 10C-0020-09
PLATFORMS - F-16, F-5, F-4



50 GALLON LIQUID OXYGEN CART

NSN - 3655-01-066-6214
P/N - 50C-0014-1
PLATFORMS - GROUND SUPPORT



PORTABLE THERAPEUTIC LIQUID OXYGEN SYSTEMS (PTLOX)

NSN - 6530-01-222-9494
P/N - 50C-0021-1
PLATFORMS - GROUND SUPPORT

PART DESCRIPTION	NSN	PN	ALT PN	PLATFORMS
5 LITER LOX CONVERTER (FIXED)	1660-00-148-9239	10C-0021-5	GCU12A/A, MILC25973, MIL-DTL-25666/4, 10C0021-5, 8148650	F-16, F-5, F-4, F-15
5 LITER LOX CONVERTER (REMOVABLE)	1660-00-327-7048	10C-0020-9	MIL-C-19328, MIL-DTL-19328, 8148650, 10C-0020-6	F-16, F-5, F-4, F-15
10 LITER LOX CONVERTER (FIXED)	1660-00-078-8227	10C-0005-11	MIL-C-19328, 8148650, 21278, GCU2A/A, MIL-C-25777, MIL-DTL-25666/1, 10C0005-11,	F-18, T-38
10 LITER LOX CONVERTER (REMOVABLE)	1660-01-179-4064	10C-0016-16	GCU24A/A, MIL-C-19803F, 10C-0016-16	F-18, T-38
25 LITER LOX CONVERTER	1660-00-122-8101	10C-0001-26	GCU17A, MIL-C-27336, MIL-DTL-25666/5, 10C-0001-0026	C130, C130J, P3
75 LITER LOX CONVERTER	1660-00-079-4359	10C-0012-75	GCU20A, MIL-C-27652, MIL-DTL-25666/6, 10C0012-75, 8148650, 10C-0012-0075	C17
OXYGEN GENERATOR AND LIQUIFIER (OGL)	3655-01-631-2889	50C-0103-5	3655NCM141218, 1206499	GROUND SUPPORT
BACKPACK MEDICAL OXYGEN SYSTEM (BMOS)	3655-01-628-1034	50C-0089-4	3655NCM141069, 1134924	PARACHUTISTS, GROUND SUPPORT PERSONNEL, HUMAN TRANSPORT, AIRCRAFT, HELICOPTER OR GROUND VEHICLES.
MOUNTED MEDICAL OXYGEN SYSTEM (MMOS)	N/A	50C-0105-1		PARACHUTISTS, GROUND SUPPORT PERSONNEL, HUMAN TRANSPORT, AIRCRAFT, HELICOPTER OR GROUND VEHICLES.
PORTABLE THERAPEUTIC LIQUID OXYGEN SYSTEM (PTLOX)	6530-01-222-9494	50C-0021-1	CRU-87/U	GROUND SUPPORT
NEXT GENERATION PORTABLE THERAPEUTIC LIQUID OXYGEN SYSTEM (NPTLOX)	6530-01-585-4676	50C-0083-1	3655NCM104411, 16902	GROUND SUPPORT
BMOS FILLING STATION (BMOS-FS)	3655-01-601-2275	50C-0083-3	3655NCM116923, 26848	PARACHUTISTS, GROUND SUPPORT PERSONNEL, HUMAN TRANSPORT, AIRCRAFT, HELICOPTER OR GROUND VEHICLES.
50 GALLON LOX CART (DARK GREEN)	3655-01-066-6214	50C-0014-1	MIL-T-38170, TMU-27/M, 50C-0014-1, 0301045	ALL PLATFORMS
50 GALLON LOX CART (WHITE)	3655-01-456-0123	50C-0014-5		ALL PLATFORMS
LOW PRESSURE OXYGEN BOTTLES 280 CUBIC INCH	N/A	80C-0008-1		N/A
LOW PRESSURE OXYGEN BOTTLES 280 CUBIC INCH	N/A	80C-0008-21		N/A
LOW PRESSURE OXYGEN BOTTLES 280 CUBIC INCH	N/A	80C-0008-22		N/A
500 GALLON LOX TRAILER (LOX)	3655-01-626-3554	50C-0115-1		
500 GALLON LOX TRAILER (LIN)	3655-01-626-3553	50C-0115-2		



15 LOX CONVERTER



50 GALLON LOX CART



500 GALLON LOX TRAILER

QUALITY & COMPLIANCE

AllClear Aerospace & Defense is committed to quality, continuous improvement, and full regulatory compliance at every level of the organization through AS9120 and ISO 9100:2008 certifications, implementing lean processes, continuous quality improvement training initiatives, and a customer service focused business model. Our in-house legal and compliance teams maintain robust processes and procedures to comply with all federal, state, and local regulations including ITAR, EAR, and the FCPA.