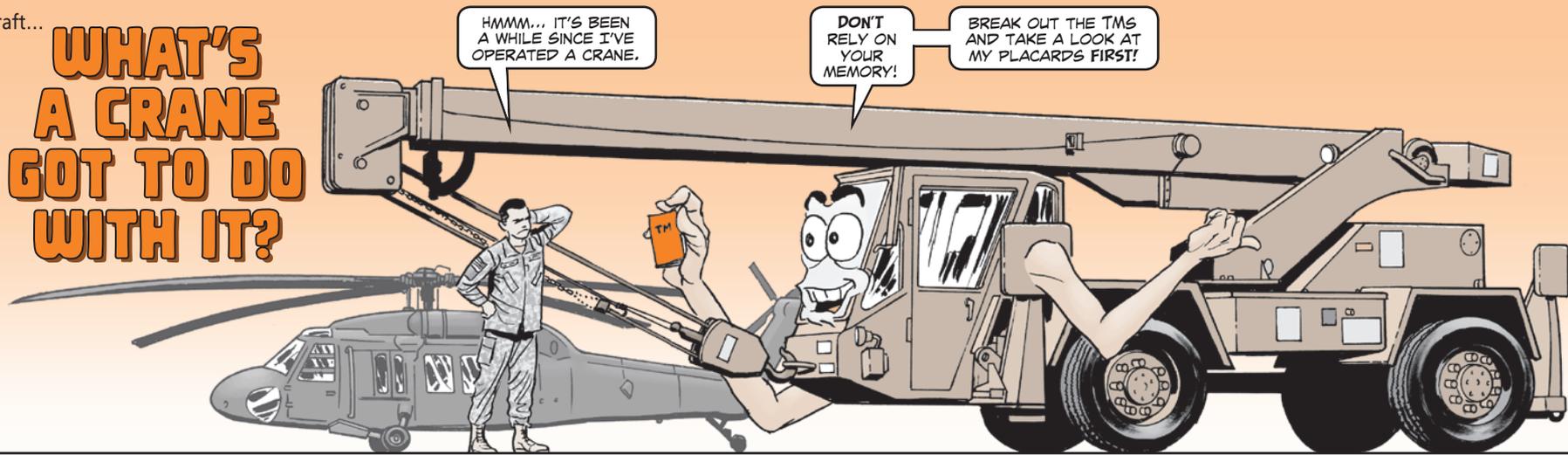


WHAT'S A CRANE GOT TO DO WITH IT?



The answer to that question depends on your know-how, mechanics. When using a crane for heavy duty maintenance, a lack of knowledge puts you, your equipment and others in harm's way.

You need to pay attention to all ground guide instructions and hand signals when using a crane, NSN 3810-01-165-0646, to remove big ticket items like rotor heads or engines from aircraft.

If you don't know all the hand signals, learn them for crane operations! Hand signals are posted on the crane. Using them will keep you from damaging other aircraft parts and surrounding aircraft as you remove components for maintenance.

Knowledge and safety are key when using the crane. So become familiar with all data plate and placard information posted on the crane before you put it to use.

HAND SIGNALS FOR CRANE OPERATORS

↑	↓	⊘	↑	↓

TM and hand signals go hand-in-hand for crane operations

ON OUTRIGGERS				ON TIRES			
BOOM LENGTH	BOOM LENGTH	R	D	12R22.5		PICK & CARRY	LOAD
				STATIONARY	LR-H		
31.75 Ft. Retracted	31.75 Ft. Extended						
FRONT 360°	FRONT 360°						
10	15	15,000	15,000	7,000	12,800	9,800	8,700
13	18	15,000	15,000	9,500	11,000	8,400	7,400
14	21	15,000	15,000	8,100	7,500	6,800	6,000
14	24	15,000	14,100	8,215,000	14,100	4,700	4,500
20	27	15,000	13,000	8,117,100	13,200	4,500	20
25	30	15,000	11,000	7,900	12,000	4,500	25
25	33	7,700	5,400	25			
28	36	6,300	4,500	28			
30	39	5,400	4,000	30			

HOOK BLOCK WEIGHTS

HOOK BLOCK (1 SHEAVE)	235 Lbs.
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RECOMMENDED TIRE PRESSURE

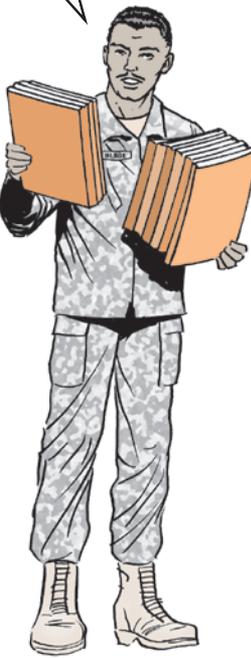
LOAD	STATIONARY	TRAVEL
115 psi	115 psi	115 psi

MAXIMUM PERMISSIBLE HOIST

LINE PARTS	1	2
MAX. LOAD	6,000	12,000
BOOM HEAD	1	1-0
HOOK BLOCK	0	1

WIRE ROPE: 6x19 Class, 25,000 lbs. Minimum Diameter, 1/2", I.W.R.C.

MAKE SURE YOU PUT THESE CRANE PUBS TO USE TO STAY SHARP AND MISHAP FREE!



- TM 5-3810-305-10, *Operator's Manual for Crane, Wheel Mounted, Hydraulic Light, 7 1/2 Ton (Rough Terrain Crane) Model LRT 110*
- TM 5-3810-305-24, *Unit, Direct Support and General Support Maintenance Manual for Crane, Wheel Mounted, Hydraulic Light, 7 1/2 Ton (Rough Terrain Crane) Model LRT 110*
- TM 5-3810-305-24P, *Unit, Direct Support, and General Support Maintenance Repair Parts and Special Tool List For Crane, Wheel Mounted, Hydraulic Light, 7 1/2 Ton (Rough Terrain Crane) Model LRT 110*
- TM 55-3810-01-165-14, *Transportability Guidance, for the Crane, 7 1/2-Ton, Rough-Terrain, Koehring Type I, (NSN 3810-01-165-0646), Type II (3810-01-165-0647)*
- TB 5-3810-305-15, *Warranty Program For Crane Wheel Mounted, Hydraulic, Light 7 1/2 Ton Type I General Purpose (NSN 3810-01-165-0646) Type II Airborne/Airmobile (3810-01-165-0647)*