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AC40-152S



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 **Altec**
DUAL-RATED SOLUTION



AC40-152S

STANDARD FEATURES

- Altec LMAP (Load Moment & Area Protection) System
 - » Rated Capacity Limiter
 - » Displays: Boom Length, Boom Angle, Load on Hook, Percent of Rated Capacity
 - » Operator Defined Audible Alarm Set-Points for Boom Angle, Length and Rotational Position
- Dual Entry 20° Tilt Cab with Heater and A/C
- Outrigger Boom Interlock System
- Outrigger Motion Alarm
- Winch Drum Rotation Indicator
- Anti-Two Block Device
- Rotation Resistant Wire Rope
- Winch Control at Load Hook Stow Point
- Hydraulic Oil Cooling System

OPTIONS

- ANSI A92.2 Compliant Aerial Operation Package
 - » Quick Attach 2-Man Platform, 1,200 lb (544.3 kg) capacity
 - » Radio Remote Controls
 - » Fall Protection
- 2-Piece 49 ft (14.9 m) Jib, 28 ft (8.5 m) Retracted
- Composite Reach Extension, 6 ft (1.8 m) Fixed

Recommended safety equipment, available through Altec Supply, include wheel chocks and outrigger pads.

GENERAL SPECIFICATIONS

Boom Length (6-Section)	152 ft (46.3 m)
Stowed Travel Height	13.16 ft (4.01 m)
Vehicle Travel Length	40 ft (12.19 m)
2 Position Out-and-Down Outriggers	
Full Span	24 ft (7.3 m)
Mid Span	17.9 ft (5.4 m)
Control System	Pilot-Operated, Hydraulic

CRANE SPECIFICATIONS

Maximum Lift Capacity	80,000 lb (36,287.4 kg)
Powered Sheave Height	161 ft (49.1 m)
Maximum Sheave Height with Telescopic Jib	207 ft (63.1 m)
Two Speed Winch Capacity	15,000 lb (6,803 kg)
ASME B30.5 Compliant	

AERIAL SPECIFICATIONS

Platform Capacity	1,200 lb (544.3 kg)
Platform Working Height	167.4 ft (51 m)
with Telescopic Jib	215.1 ft (65.6 m)
with Telescopic Jib and Composite Reach Extension	222 ft (67.7 m)
ANSI A92.2 Compliant	

UNIT		RECOMMENDED CHASSIS DIM					MINIMUM RECOMMENDED CHASSIS SPECIFICATIONS				
Model	Rear Axle	CA (in)	WB (in)	AF (in)	AS (in)	Rear Axle to Tag Spread	Front Axle Rating (lb)	Rear Axle Rating (lb)	GVWR (lb)	Frame Sec Modulus (in ³)	Frame RBM (in-lb)
AC40-152S	Tri with tag axle	186	273	165	110	50	20,000	66,000	86,000	consult factory	



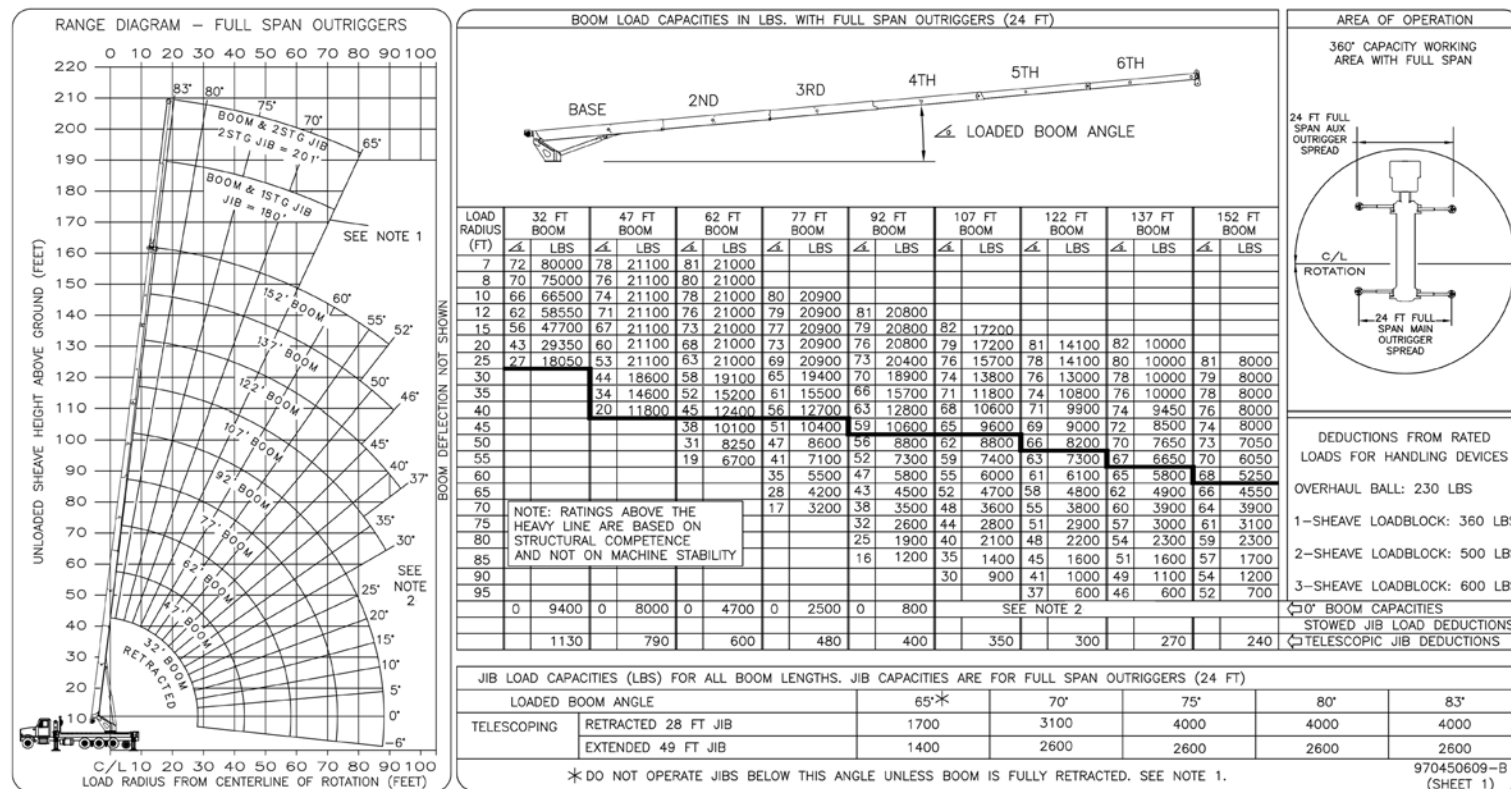
LOAD MOMENT AND AREA PROTECTION

The convenient LMAP menu navigation with an intuitive user interface displays load on hook, rated capacity percentage, boom length and angle, load radius, and operator-defined protection with audible alarms. While this feature is unique to Altec, the system's hardware consists of common "off-the-shelf" components that were critically selected for their performance and serviceability.





LOAD CHART - FULL SPAN OUTRIGGERS



QUICK ATTACH PLATFORM FOR AERIAL OPERATION

Altec's patent-pending quick attach platform reduces the overall time required to install the platform on uneven ground. The platform interfaces with the light-weight bracket that seamlessly interfaces and secures to the main boom, the end of the jib, or to the optional composite reach extension. Once the platform is in position on the ground and the bracket is attached to either of the above listed locations, the operator can simply extend the boom until the bracket engages the platform. The last step only requires a member of the ground-crew to quickly engage the spring-loaded, high visibility pins.

LONGER OUTRIGGER JACK CYLINDERS

Longer outrigger jack cylinders boost ground clearance, reduce the need to transport cribbing, free up deck space, minimize setup time, and reduce overall setup effort.



DUAL ENTRY CAB

Altec's dual entry cab provides safe access/egress throughout the entire range of rotation. The 20 degree tilt feature maximizes the viewing spectrum on the job site.



COMPOSITE REACH EXTENSION*

The feature provides an additional layer of protection for aerial workers when working de-energized lines in close proximity to energized lines, reducing the risk of electric-field induction hazards.



* This extension is rated as non-insulated and not intended for energized work.





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