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DUAL-RATED SOLUTION

STANDARD FEATURES

- Altec LMAP (Load Moment & Area Protection) System with Smart-Zone Rating Functionality for Safe Asymmetric Outrigger Setups
 - » Rated Capacity Limiter
 - » Displays: Boom Length, Boom Angle, Load on Hook, Percent of Rated Capacity
 - » Electronic Working Area Definition
 - » 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
- Winch and Boom Telescope Control at Hook Stow Point
- 15,000 lb 2-Speed High-Performance Piston Winch
- Rotation Resistant Wire Rope
- Advanced E-Series Electric Over Hydraulic Unit Controls
- Altec Insights, Lifetime Access

OPTIONS

- ANSI A92.2 Compliant Aerial Operation Package
 - » Quick Attach 2-Man Aluminum Platform, 1,200 lb (544.3 kg) capacity
 - » Radio Remote Controls
 - » Lanyard Interlock System with Audible Alarm and Function Kickout
- IJ26 Insulating Personnel Jib, 26 ft 3 in (8 m) Fixed
- 2-Piece 49 ft (14.9 m) Jib, 28 ft (8.5 m) Retracted
- Platform Hydraulic Tool Circuit & Intensifier Package
- Altec Insights, 12-months Access

GENERAL SPECIFICATIONS

Boom Length (6-Section)	152 ft (46.3 m)
Stowed Travel Height	13.2 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	Electric Over 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 ft (51 m)
with Telescopic Jib	215 ft (65.6 m)
with Telescopic Jib and Composite Reach Extension	222 ft (67.7 m)
ANSI A92.2 Compliant	

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

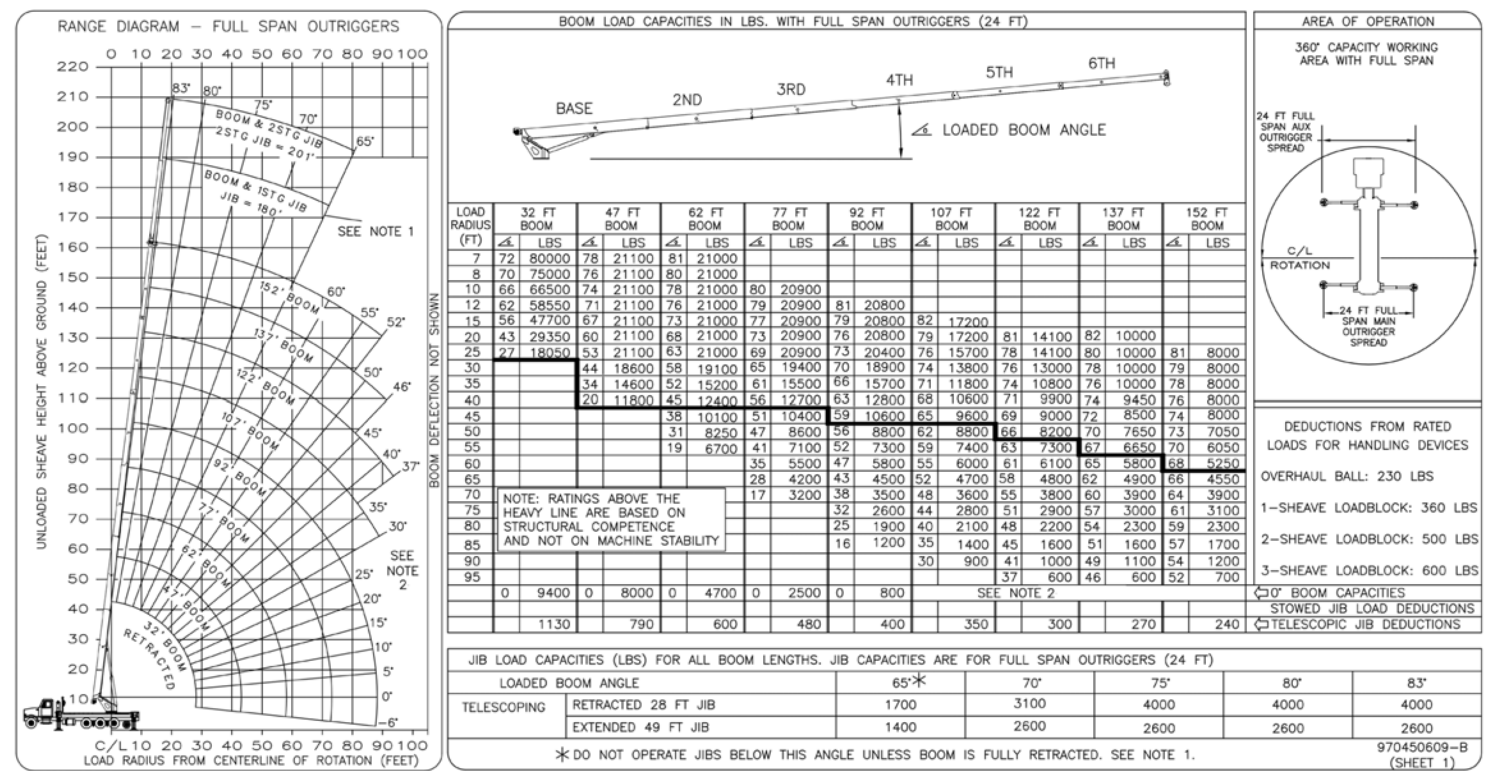
UNIT		RECOMMENDED CHASSIS DIM				MINIMUM RECOMMENDED CHASSIS SPECIFICATIONS				
Model	Rear Axle	CA (in)	WB (in)	AF (in)	AS (in)	Front Axle Rating (lb)	Rear Axle Rating (lb)	GVWR (lb)	Frame Sec Modulus (in ³)	Frame RBM (in-lb)
AC40E-152S	Tri with tag axle	186	273	170	54	20,000	66,000	86,000	consult factory	



LOAD MOMENT AND AREA PROTECTION

The convenient 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. Additionally, the AC40E comes standard with Smart-Zone Rating functionality, which uses the outrigger positions to determine where the machine has capacity for the load on hook. This provides an extra layer of safety to help prevent instability during asymmetric outrigger setups. While the display and user interface are 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



Note 1: When jib is erected, boom must be fully retracted before lowering below minimum boom with jib angles. Retracted boom with jib has no lifting capacity below a 50 degree angle with full span outriggers and below a 65 degree angle not shown on jib load rating chart.

Note 2: Do not lower boom into this area, instability may occur. Hydraulic pressure may not allow raising the boom without retracting boom first.

Charts published herein are intended to be a guide only and should not be construed to warrant application for lifting purposes. Consult supplied operation manual for further details.



QUICK ATTACH ALUMINUM PLATFORM WITH OPTIONAL LANYARD INTERLOCK SYSTEM

Altec's class-leading safety features continue to be incorporated into the design of our Dual rated Products with the introduction of the improved Quick Attach Aluminum Platform. This system features a redesigned quick attach pinning system for improved rigidity and ease of installation, as well as a brand new all aluminum platform to resist corrosion. This system also includes a kickstand that is integrated into the platform yoke, allowing for safer and easier pinning of the platform to the boom tip. Additionally, this package is available with an optional lanyard alert system, to ensure operators are properly harnessed to the platform prior to operation. The lanyard interlock system provides an audible alert and prevents function if it senses the operator is not properly tied off.

E-SERIES CONTROLS

The E-series control system is a standard feature on the AC40E. Included is a redesigned swing system and state of the art CAN based hydraulic control system. This system ensures that motion starts and stops are extremely smooth with unparalleled meterability and swing control as well as best-in-class multifunction performance.



DUAL ENTRY CAB

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



ADVANCED RADIO REMOTE CONTROL

This state-of-the-art remote pairs seamlessly with the "E-series" control system and offers the same meterability and control as if operating from the riding seat. The radio remote is equipped with an LCD screen used as a full LMAP readout in order to keep track of all of the unit's operating parameters from the platform.



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