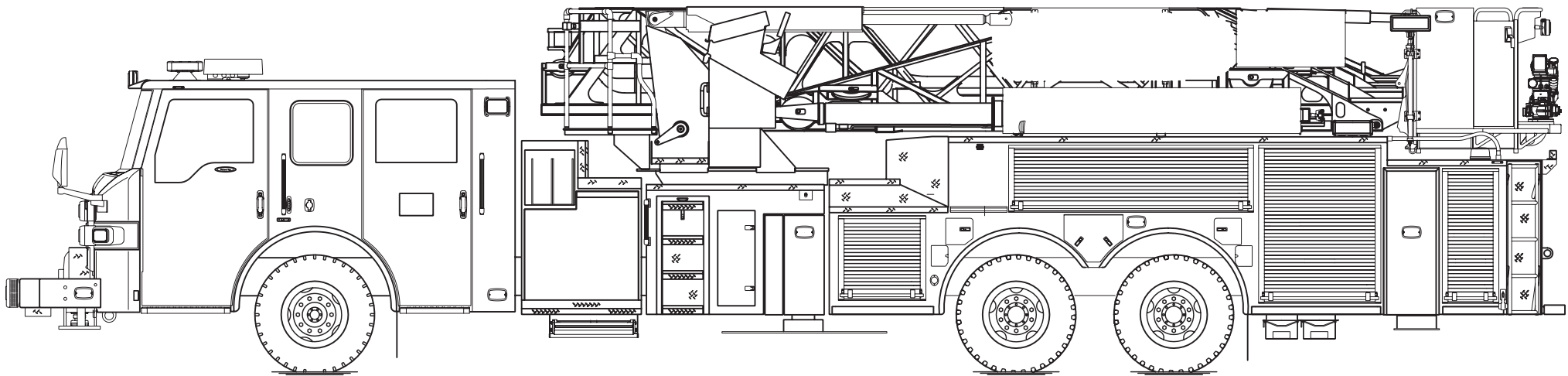




PERFORM. LIKE NO OTHER.™

Huntsville Fire & Rescue, AL Velocity® Ascendant® 100' Heavy-Duty Aerial Tower



Chassis

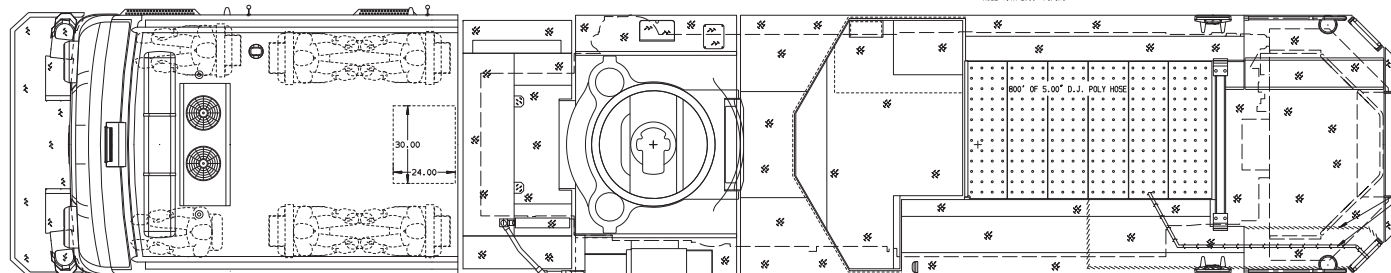
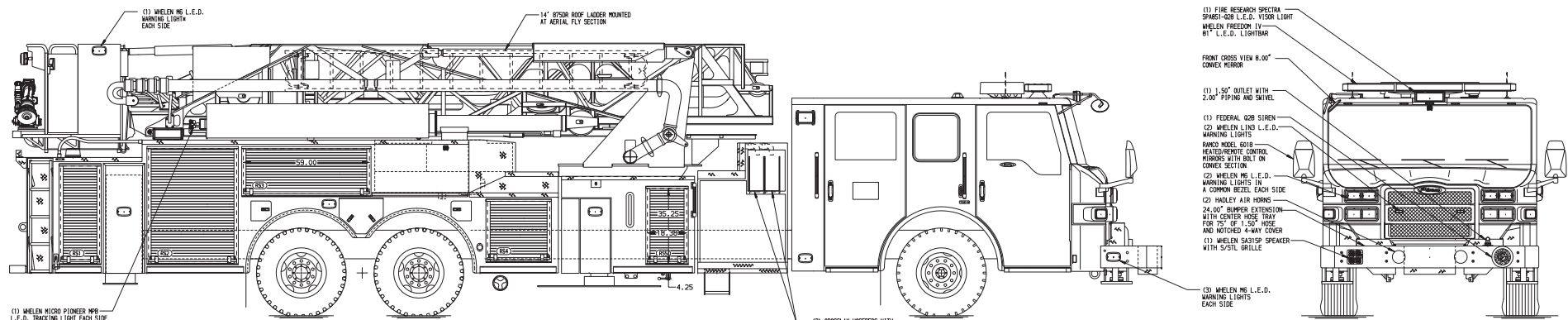
Chassis	70" Velocity cab
Seating Capacity	6
Overall Height	10' 11"
Overall Length	45' 4"
GVW Rating	78,000 lb
Safety	Side Roll and Frontal Impact Protection
Front Axle	TAK-4® Independent Front Suspension , 24,000 lb
Rear Axle	Meritor RT52-185, 54,000 lb
Engine	Cummins X15, 605 hp, 1,850 lb-ft
Electrical System	Command Zone™ Advanced Electronics System

Body

Material	Aluminum
Shelving	Adjustable, up to 500 lb
Doors	Roll-up
Pump	Waterous, 2,000 gpm
Tank	300 gallons
Pump Panel	Pierce® Control Zone™ 42" pump panel
Generator	Harrison 6kW, hydraulic

Aerial Device

Device	Ascendant 100' Heavy-Duty Tower
Reach	100' vertical 93' horizontal
Tip Load	1,000 lb dry 500 lb wet
Equipment	150 lb allowance
Flow Rate	2,000 gpm
Stabilizers	1 set, 18' spread 4 down-jacks
Platform	4-person



ALUMINUM BODY SIDE ROLL AND FRONTAL IMPACT PROTECTION

NOTE
DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MINOR DEVIATIONS AS MAY OCCUR OR BE NECESSARY IN CONSTRUCTION.
MINOR DETAILS NOT SHOWN.

1. SHORELINE RECEPTACLE WITH HUSSMAL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE OF THE CAB
2. AIR INLET WITH DISCONNECT COUPLING IN THE DRIVER SEAT RISER
3. BATTERY CHARGER LOCATED IN CAB PER ORDER
4. BATTERY CHARGE INDICATOR LOCATED THRU DRIVERS SIDE CAB WINDOW
5. NON-BALISED AERIAL PESTAL
6. 3-1/4" LYPFERWOOD BRACKETS AT AERIAL BASKET
7. Ø2000 AUTOMATIC FIRE CHAINS
8. AIR INLET W/SHUT OFF VALVE LOCATED IN CAB PER ORDER
9. AIR INLET W/SHUT OFF VALVE LOCATED PER ORDER
10. HARRISON 6KW MID HYDRAULIC GENERATOR IN COMPARTMENT PER ORDER

11. RING LIGHTING ON AERIAL LADDER
12. 2-WAY INTERCOM SYSTEM BETWEEN AERIAL, TIP AND TURNABLE
13. GPS OPTION LOCATED PER ORDER
14. ONE 120V DUPLEX RECEPTACLE IN CAB PER ORDER
15. AIR HORN CONTROLS AT AERIAL TURNABLE
16. ONE 120V DUPLEX RECEPTACLE IN CAB PER ORDER

REV	DATE	BY	CH	VELOCITY
22DEC22	LME	SMA		
28MAY22	JGA	SMA		
29APR22	JGA	JBL		

CHASSIS DATA		TITLE	JOB NO.
MAKE	PIERCE	100' ASCENDANT AERIAL TOWER AND BODY ASSEMBLY 300 GALLON WATER TANK	37367 01-03
FOR	HUNTSVILLE FD		SCALE 1:24
MODEL	EMERGENCY EQUIPMENT PROFESSIONALS, INC		DATE
DWG NO.	37367AD-SH1		DRAWN BY JGA
			22APR22
			CHECKED BY SMA
			26APR22
			SHEET SIZE
			D
			SHEET NO. 1 of 2