

FV 11044 Truck, Recovery, Medium, 6x6 AEC Mk 3

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This page details the Characteristics of the FV 11044 Truck, Recovery, Medium, 6x6 AEC Mk 3 (Swampy). A highly capable recovery platform, the AEC is forward control or cab over engine, providing excellent forward visibility when operating cross country. The vehicle was designed to provide recovery lift for casualties up to 10000kg. The crane is a hydraulically operated Coles, the maximum capacity for which is only reached in conjunction with outriggers.

Manufacturer Chassis AEC
 Body Thornycroft (Basingstoke) FV Number
 Whole Equipment
 FV11044
 Chassis FV Body FV Dimensions Length 8.23m (324")
 Height 3.1m (122")
 Width 2.502m (98.5")
 Wheelbase 3.924m (154.5")
 Track - Front
 2m (78.75")
 Track - Rear
 1.99 (78.5")
 Deck Length
 Deck Width
 Deck Height
 Weights GVW 21019kg (46340lb)
 FAW RAW Unladen Weight
 Angles Approach Departure Breakover Performance Speed 78km/h
 Range 483km (300 miles)
 Side Slope
 Gradient >50% (>1in2) Stop /Restart Solo >50% (>1in2) Stop/Restart Towing
 Turning Circle 23.77m (77ft)
 Verticle Step
 Gross Power/Weight Ratio
 7.75kW/t (10.4bhp/t)
 Max Tractive Effort Low Gear
 6864 N/t (1543lbf/t) Max Trailer Weight - Braked
 Max Trailer Weight - Unbraked Engine Manufacturer AEC
 Type AEC AV 760 Diesel
 Displacement 12.47 litres
 Gross Power
 168.5 kW (226 bhp) @ 2200rpm
 Nett Torque
 2469Nm (555lbf/t) @ 1500 rpm
 Speed Limiter?
 Yes Speed Limited to
 2200 rpm
 Ignition Type
 Compression Lubrication Wet Sump
 Engine Cooling
 Pressurised Fuel System
 Type Lift Pump
 Pump Manufacturer
 Air Cleaner
 Burgess Oil Bath
 Fuel Diesel
 Fuel Capacity
 218 litres (48 Gal)
 Gearbox Manufacturer Type 6 Speed and Reverse Ratios 1st 2nd 3rd 4th 5th 6th Electrical Generator
 Manufacturer 28v 90amp
 Capacity Batteries Capacity 24v 100 amp/hr
 Suppression

To FVRDE Spec 2051, App D1, Sched A
 Clutch Manufacturer Type Single Dry Plate
 Propeller Shafts
 Manufacturer Hardy Spicer Transfer Box
 Manufacturer Type 2 Speed
 Transfer Box Ratios
 1:1 and 1.87:1
 Axles Manufacturer Type Driven Front and Rear
 Ratios - Top
 6.795:1 Ratios - Bottom
 121.1:1 DifferentialsManufacturer
 Quantity Four Front
 Centre
 Rear
 Differential Locks
 Inter Axial SuspensionFront
 Semi-Elliptic Centre
 Semi-Elliptic Rear
 Semi Elliptic Shock Absorbers Manufacturer

 Front Hydraulic Type
 Centre
 Rear Brakes
 Manufacturer
 Actuation - Service Air pressure on all wheels
 Actuation - Secondary and Hill Holder
 Air Pressure on Tractor Front and 3rd Axles Actuation - Parking Mechanical, air assist, rear wheels only
 Actuation - Trailer
 3 Line Air Pressure
 Front
 Centre Rear
 Hand
 Trailer Warning Device - Tractor
 Pressure Gauge and Buzzer
 Warning Device - Trailer
 SteeringManufacturer
 Type Hydraulic Power Assist, Worm and Nut Type
 Wheels Manufacturer Type 4 Piece
 Tyres Manufacturer Dimensions 16.00 x 20 cross country
 Type (Radial/Cross ply)
 Accessories Front Chains, rear over tracks
 Onboard Tyre Compressor?
 Yes Compressor Capacity (Psi)
 Towing Attachments FrontHook
 RearHook
 WinchManufacturer
 Type Drive Mechanical Rope Length
 Capacity

12300kg continuous line pull for full effective length of winch rope

15000kg on bottom layer

30000kg with hydraulic spade lowered Crane
 Manufacturer
 Coles
 Type Hydraulically Driven, Rope, Boom Reach 3.124 - 5.563m
 Capacity2600kg@max extension
 Slew240' Maximum Hook Height
 6.706m (264")
 Max Lift of Hoist Cable
 3.048m (120") Maximum Luff
 48' Lift and Slew
 1400kg at 5.563m (W/out Outriggers)
 2600kg at 5.563m (with Outriggers)

Capacities Engine Oil
Gearbox Oil
Transfer Box Oil
Fuel Coolant Screenwash Support Publication:
EMER