

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 ChassisAEC
 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 Speed78km/h
 Range483km (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 ManufacturerAEC
 TypeAEC AV 760 Diesel
 Displacement12.47 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
 FuelDiesel
 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