

Ground Power Unit RAF 25kVA

shown in the accompanying reference photo- for this. and in yellow with other painting details as vice, but have been finished in RAF blue/grey, overall dark green in their final period of serflightline photograph. Jaguars, Sea Kings etc. in almost every Lightnings, Phantoms, Harriers, Buccaneers, These were the units seen They were painted alongside

needs pushing through from the rear of the fitting to see if any etched rivet head detail Check all etched parts prior to forming or Suggested Assembly Sequence -

cluded which you will not use interchangeable with another of our GPU kits The result of this is that are some parts in-The castings for this kit are packed as being

 smooth side of a sheet of hardboard is ideal.

fine centre punch against a firm base - the

part. This is best done by use of a scriber or

part 24 instead - fitting as an option, as noted then you should add a hexagonal plate from were removed from some units in later years on the roof of the resin body. Note that these out in each corner of the chequer plated area these assemblies [4 in total] into holes drilled Laminate x2 of lifting eyes [23] and fit one of on the assembly drawing. Obviously in this [as in our photos] and if so for your model

assembly drawing. for the spot lamp unit and fit the spotlight cast- mal or not required at all, if you have formed [plain] edge of part 21 hard up against the ing fit of part 4 into the body [do not try to force top of the each cable bin area - with the inner unit. Sand the resin if required to obtain a slid-Fit the hinge strips [parts 21] centrally to the

quer plate area at is another roof fitting RH side of the chelocated towards the On some units there



sides of the tank unit on the underside of the in parts 5 & 6. A door handle [part 25] should bottom of the resin body moulding, ensuring a las for the door handles on each side of the smooth surface. the tank. Sand off the moulding feed from the length of .5mm wire in exactly the same way resin body and 3.5mm in from the outer end of be added to part 6 - this being fitted via a short

body, with cable bin area note bottom tom of the resin of the body tration which this unit is

case there is no need to drill any location Form part 4 and without folding the inner door ate colours to highlight the instrument details corner of the body diagonally opposite the you should now form and fit part 10 into the 8 to part 7 and parts 12, 13 and 14 x2 to part spotlight, using part 19, the casting supplied main rectangular cut-out of part 4. Note that 11, as indicated. Drill out all holes marked 'x' ing through the location holes in part 20 and to the sides of part 4 out correctly - by 90 de- dry, fit these - part 7 fitting over the film on the the resin body side. If fitting a fire extin- grees. Remove part 4. If you are modelling sloping area of part 4 and part 11 fitting over and a short length of .5mm wire, as per the the four edge panels of part 10 fold out at an on the assembly drawing in parts 7 & 11 [if guisher to the body, this should be fitted to the the unit in 'running mode' with the doors open the film and within part 10. Paint and add part body side. Add part 20 over the location holes [fit part 4]. Any sanding required will be mini- Paint and add the control panels [parts 7 & 11] into the control panel end on the resin body the two white areas on parts 4 & 10 after all areas in relation to the rest of the part, form nently into the resin body. cut-out in part 4 will fit. Now fix part 4 perma- to stand proud from the control panels by tions into which the edges of the rectangular can add short spigots of wire into these holes faces of these sections of part 10 act as loca- through the film behind these parts. Now you angle and that when they are all equally might defy logic but this is much more easily formed, the half-etched recesses on the REAR out the sides and the lower area and test fit

the radiator end of the unit. A casting is pro- If the unit is be modelled with the doors closed vided for this in case you wish to fit it - obvi- - then simply fold the inner door areas across Fit the exhaust pipe casting into the location holes for wire in body sides. Note that both Form and fit part 18 over and to the bottom & drawing. Add a part 22 into the slot provided hole in the bot- these handles face outwards towards the ends the unit [through 90 degrees] to meet in the body and these can now also be fitted, again middle of part 4 and add the outer door panels using parts 25 [x2] and .5mm wire - drill out from parts 5 & 6, as shown in the assembly

bottom of the on part 4 outwards by around 40-50 degrees on the resin body unit. Sand the resin if resupport bracket [connected to an aircraft] then the doors are Form part 1 and without folding the inner door contacting to the doing so you should fold the inner door areas on the casting assembled in the same way - but BEFORE angle at part 4 into the resin body earlier of the If you are modelling the unit in running mode from their straight-out position when you fitted

fitted - see illus- You should paint the main flat face of part 10 the white and also the sloping face on part 4 of both the control panel films in the appropri- If the unit is be modelled with the doors closed [below part 10]. Paint the rear [matt surface]

eft.

these out. The relevant films are fitted over [see reference photo], after carefully cutting paint is thoroughly dry.

appearance and colouring for all these details shown. See reference photographs to confirm should be shaped and fitted into these now that everything is fixed into place], drilling as for the body colour of your unit and when 7 above the LH gauge lever/switch that was added to the hole in par Finally, form, paint and add part 9 over the approx. .75mm. The two holes in the centre top of part 11 are for a grab handle and wire

graphs. This obviously locates into the matchpart 16 to the area indicated on part 4 and add bar shaped from the .8mm wire, as shown. Fit cast filler cap at the angle shown in the photopart 17 where indicated, to part 16. Fit the fit into the recess in part 4, adding a retaining Form up the towing eye unit from part 15 and resin body unit ing elongated holes in parts 17, part 4 and the

out the sides and test fit into the radiator end areas in relation to the rest of the part, form correctly - by 90 degrees. Remove part 1. quired to obtain a sliding fit of part 1 into the all, if you have formed the sides of part 1 out ing required will be minimal or not required at body [do not try to force fit part 1]. Any sand-

then simply fold the inner door areas across a further length of .5mm wire approx. 2mm in fitted to the 'aircraft' end. Note that the AC camiddle of part 1 and add the outer door panels from parts 2 & 3, as shown in the assembly parts 2 & 3.

If you are modelling the unit in running mode the tow bar. fold the inner door areas on part 1 outwards by around 40-50 degrees from their straightout position when you fitted part 1 into the connected to an aircraft then the doors are resin body earlier.

ble. Fit one of the axle units centrally to the wards the centre of the body. Fit an axle casting centrally to the bottom of each leaf spring planes. Add a wheel casting to each end of bottom of the cast turntable unit, as noted on the springs flush with the sides of the turntaspring is fitted towards the rear of the turntasquarely in both its horizontal and vertical sembly - ensuring that the axle is mounted Fit the front leaf spring castings centrally to the the assembly drawing - with the outer faces of Note that the deeper bracket on each bottom of the leaf springs on the turntable ascasting - ensuring that the axle is mounted squarely in both its horizontal and vertical he axle.

wire, as shown on the assembly drawing. Add remaining cast plug [with the spigot removed] Form and fit part 30 centrally to the front edge of the turntable casting. Fit out the tow bar Form and fit part 27 to the top of the tow bar, the under-side of the casting where indicated.

the unit [through 90 degrees] to meet in the length centrally through the hole in the end of ble emerges from the LH bin when viewed the rearwards facing bracket on part 28, as from the control panel end of the unit, whilst Study the the DC cable is housed within the opposite drawing. Shape and add a handrail from photographs and the assembly drawing and bin. The diagrams below show socket locabrass wire and fit into the holes provided in form up part 29. The front flap on this part tions in various aircraft types. fixes to the lower front section of the tow bar casting, as indicated and to the undersides of shown, to represent the handle.

wire. By this method, the tow bar can be the ground or with it lifted and attached to the ted into the hole in the lower front of part 30, to hole in part 26 and into the location hole in the doing so you should remove the small square to the attachment prongs on the front of the plates on the outer edges of parts 2 & 3 and cast turntable by drilling out holes in the prongs and in the rear sides of the tow bar and attaching by means of short lengths of .5mm made to move up and down, so that the unit can be displayed with the tow bar resting on tow hook of a Land Rover etc. Finally a length of the pvc cord provided should be cut and fitrun forwards under the tow bar, through the assembled in the same way - but BEFORE Now the tow bar unit assembly should be fitted folded-round bracket at the very bottom of part 28, as shown on the assembly drawings - referring also to the photographs included.

axle - these locate onto the mounting blocks the resin body unit and before fixing you on the floor of the resin body - noting that the should ensure that the whole unit sits square planes. Add a wheel casting to each axle end. The completed turntable/tow bar assembly fits Fit the cast leaf spring brackets for the rear into the hole in the centre/front of the floor of deeper bracket on each spring is fitted to- and true. For added realism, the turntable assembly can be fitted in a slightly rotated position, as shown in the photographs.

[connected to an aircraft] - you should add the cable it is recommended that several lengths of fine wire be twisted together with straps where shown and then form part 28 and feed it around the cable at 38mm intervals. These down through the slot in part 26 and attach it can be made using black insulating tape. The to part 27 by means of a short length of 5mm DC cable is orange in colour, and has the If modelling the unit in running mode AC & DC cables - running from inside the bins casting by firstly forming and adding part 26 to plugs inserted at the 'aircraft' end. For the DC black sleeving supplied, with one of the cast For the AC cable you should use the grey/ to the supply sockets on your aircraft model,

AC PAC Odd do to Cable plugs







