

[M72/ 48/ 32-05]

# [AirDOC]

Aircraft Documentations

## Luftwaffe Fulcrums The MiG 29 G/GT in Norm 90J Camouflage



### Remarks

This 1/48 AirDOC decal set allows you to build nearly any Luftwaffe MiG 29 G (A) or GT (UB) which is currently in service with FW 73 "Steinhoff", stationed in Laage AB, Germany, featuring the late style Norm 90J air defense camouflage. This set includes enough markings for several different aircraft, both single-seat and trainer versions. An additional MiG 29 set, M72/48/32-07, will be available at your local hobby shop in the near future which provides the old style East German People's Army (NVA) markings as well as early Luftwaffe markings for the "Fulcrum" in NVA camouflage.

### Kit suggestions to build a correct MiG 29 "Fulcrum" G/GT

1. 1/144 scale modelers try the Italeri kit 874 or Revell 4085. In this scale you hardly can do something wrong.
2. 1/72 scale modelers should avoid the Hasegawa E11 MiG 29 Fulcrum Farnborough kit (weapons included). Although it features engraved panel lines with the fit of the parts being quite good as usual, it is a very early Fulcrum model, the overall appearance of the finished kit hardly matching the form and scale of the real thing. Unfortunately the molds were produced on pictures rather on scale drawings. A recommendation would be the Italeri kits 184 (MiG 29 A/B) and 192 (MiG 29 UB) and Revell's MiG 29 "Reunion" no. 4393. The latter is based on the research of the 1/32 scale aircraft and features the same minor problems of the big brother.
3. 1/48 scale modelers use the Academy MiG 29 A kit (no. 2116 or 2128) and for the MiG 29 UB kit number 2119. It has some severe problems with the fit, especially when joining the engine nacelles to the bottom fuselage, however, these are the best kits available in 1/48 scale. They feature engraved panel lines with the overall appearance being un-matched and on scale.
4. 1/32 scale modelers stick to Revell's MiG 29 A or UB kits. They both need some modification to the cockpit, the engine intakes and forward fuselage. The overall shape might be OK and they are the only kits available in this scale. The recently re-released MiG 29 A(G) kit, no. 4702, comes in the very attractive anniversary scheme of 2001.

### Decal application:

To apply the decals cut each subject carefully from the backing paper. Do not cut away the excess film. Dip the decal for about 20 seconds into water and wait until it slides easily on the backing paper. Do not pull or push the decals before the adhesive has completely dissolved, otherwise it might be ruined. You may use a setting solution but this is not necessary. After the decal is applied to the model's surface, wait several hours until it has set and dried properly. **Do Not Touch It Prior!** Depending on the surface's quality, a gloss varnish should be sprayed onto the model prior to the application of the decals so the clear excess film will disappear completely.

### Happy Decaling!

In our opinion the following update kits are a good addition for the serious modeler:

Aires 1/48:	Eduard photo etched sets:	48147 MiG 29
04074 MiG 29 cockpit set	72006 MiG 29 A	52052 MiG 29
	72029 MiG 29 UB	
Black Box:	48147 MiG 29 A/B	FM Detail sets:
48056 MiG 29 cockpit set	52007 MiG 29 A	489805 MiG 29 cockpit, rails,
	52009 MiG 29 UB	wheels and afterburner can set
Cutting Edge:		
48030 MiG 29 afterburner cans	Eduard cockpit masks:	Sol:
48074 MiG 29 cockpit set	72074 MiG 29	R-73 Missiles Set

For proper reference check our publication: *Luftwaffe Fulcrums - The MiG 29 from the East German People's Army to the Luftwaffe*. It is a must have for the enthusiast as well as the serious modeler. Available at your local hobby shop or directly from us.

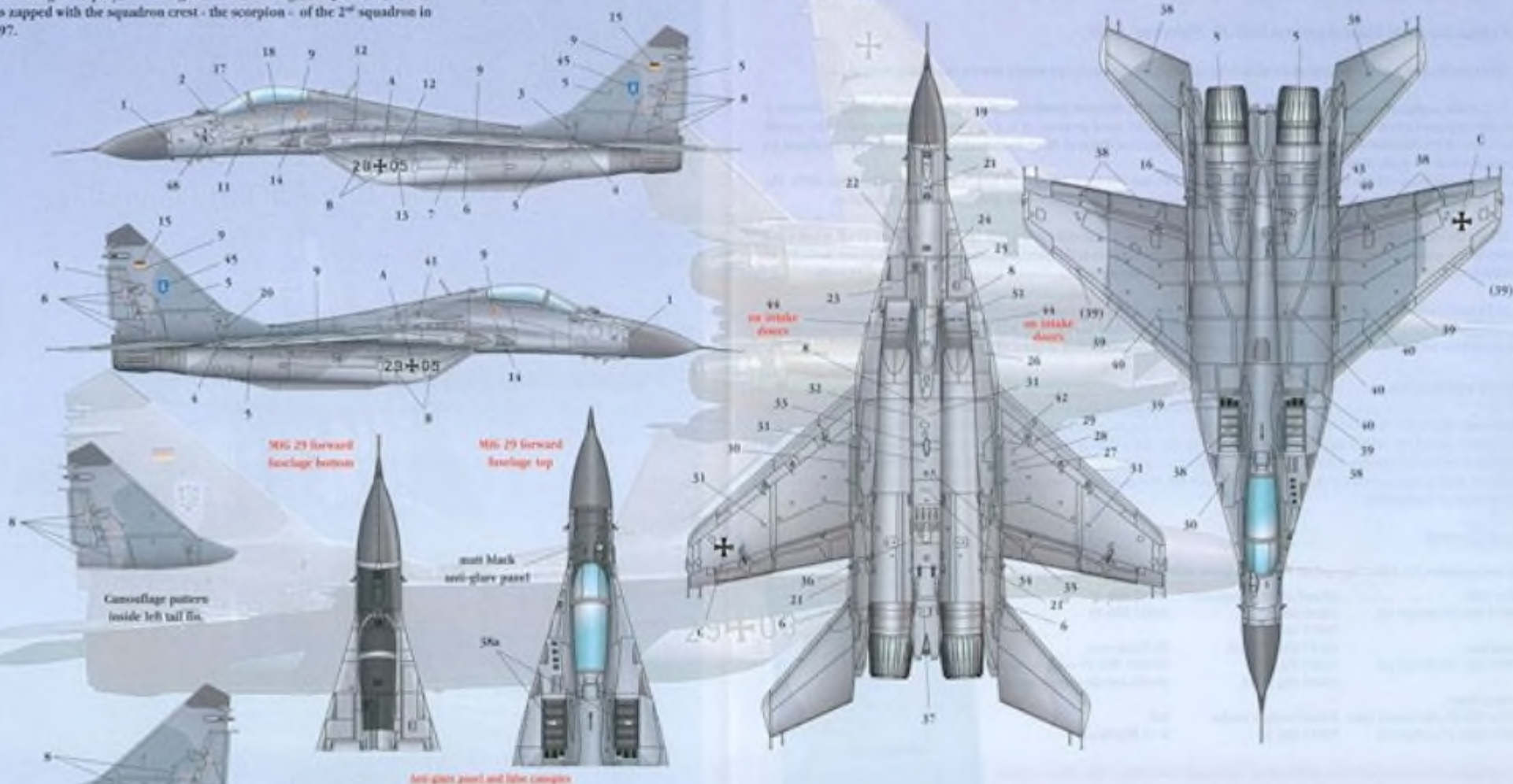


This set is for the experienced modeler only and should be kept out of the reach of little children. Not suited for children under the age of 14!

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**MiG 29, 29+05, Fighter Wing 73, Jever, 1997**

While being on deployment to Fighter Bomber Wing 38 in Jever AB, 29+05 was zapped with the squadron crest - the scorpion - of the 2<sup>nd</sup> squadron in 1997.



The anti-glare panel and false canopy as well as false air intakes were only recently introduced and added to the technical manual of the MiG 29 G/GT. Paint the anti-glare panel in front of the wind shield matt black. The false canopy and anti-glare panel on the bottom fuselage, as well as the false air intakes on the upper fuselage are painted RAL 7021 black grey. For the correct shape and size of the false air intakes check your reference carefully. When applying the false air intakes use decal no. 38a instead of no. 38. Meanwhile the false canopy and air intakes (see the anti-glare panel) can be found on several MiG 29s such as 29+01, 29+03, 29+08, 29+10, 29+14, 29+21, 29+23 and 29+25. The anti-glare panel was only applied to 29+02 and 29+17!

**MiG 29, 29+21, Test and Evaluation Wing MiG-29, Preschen, 1991**

29+11 took part in the first deployment of MiG 29s to Decimomannu, Sardinia, Italy. It was one of the few aircraft that did live AA-10 A Alamo missile firing above the Mediterranean Sea, which was depicted by the missile silhouettes on the left fuselage applied by the ground crews. Her di-electrical panels were overpainted as well.



The number in brackets behind the decal number e. g. 7(7) indicates the decal to be used on the other side of the aircraft.

**MiG 29, 29+24, Test and Evaluation Wing MiG-29, Preschen, 1993**

29+24 is one of four MiG 29 UB (GT) aircraft. She received her Norm 90J camouflage quite early in 1992.



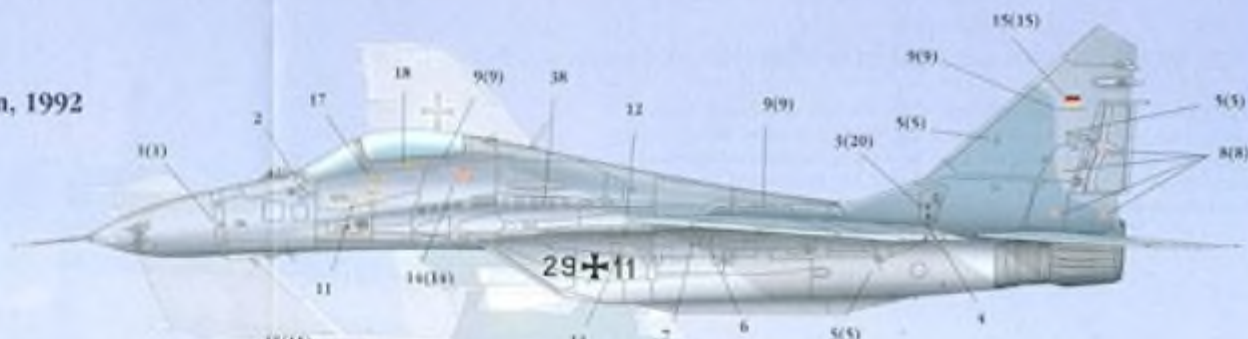
**MiG 29, 29+25, Fighter Wing 73 "Steinhoff", Laage, 2000**

The last of the GT aircraft but the first one to receive the ICAO-1 upgrades in Cottbus maintenance facility in 1992. The same camouflage pattern can be used with decal no. 46 instead of no. 45 to model her in Erprobungsgeschwader MiG-29 livery.

The number in brackets behind the decal number e. g. 7(7) indicates the decal to be used on the other side of the aircraft.

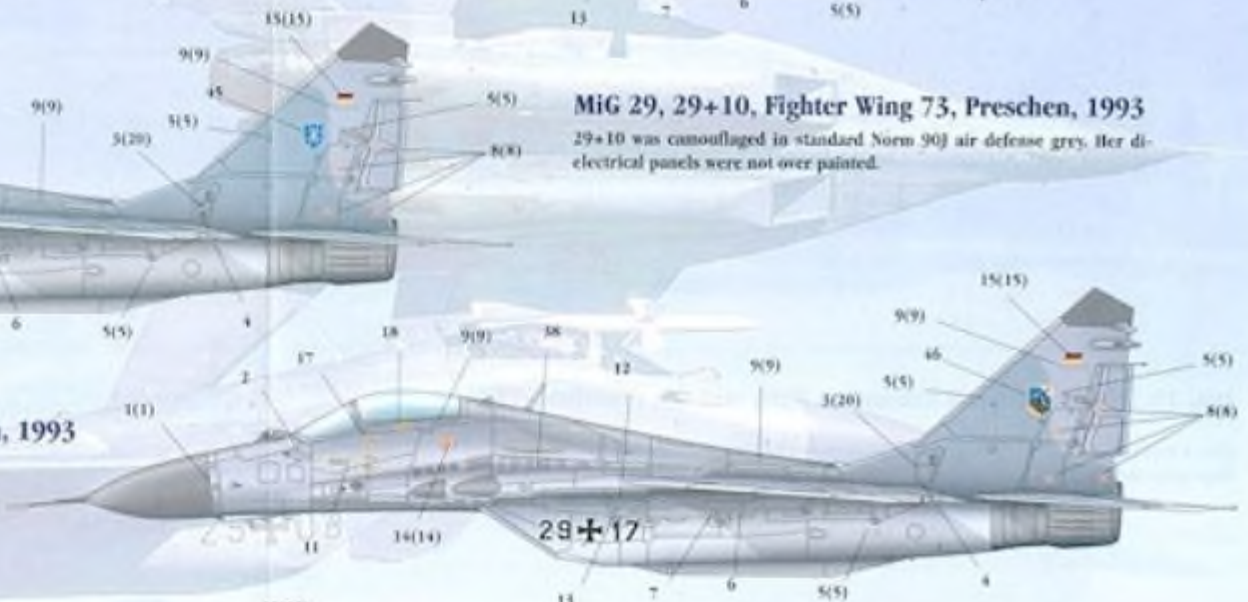
**MiG 29, 29+11, Test and Evaluation Wing MiG-29, Preschen, 1992**

29+11 was one of the first former NVA MiG 29s, which received the Norm 90J air defense camouflage. In an attempt to disguise the dark grey di-electrical panels and the radom a light grey was applied to these parts of the fuselage. As the color did not stick too well them, it came off especially at the radom in this particular chipped pattern.



**MiG 29, 29+10, Fighter Wing 73, Preschen, 1993**

29+10 was camouflaged in standard Norm 90J air defense grey. Her di-electrical panels were not over painted.



**MiG 29, 29+17, Test and Evaluation Wing MiG 29, Preschen, 1993**

29+17 was one of the first Fulcrums to be painted in standard Norm 90J air defense camo. Her di-electrical panels and radom were not over painted due to the bad experience made with earlier attempts to disguise them.



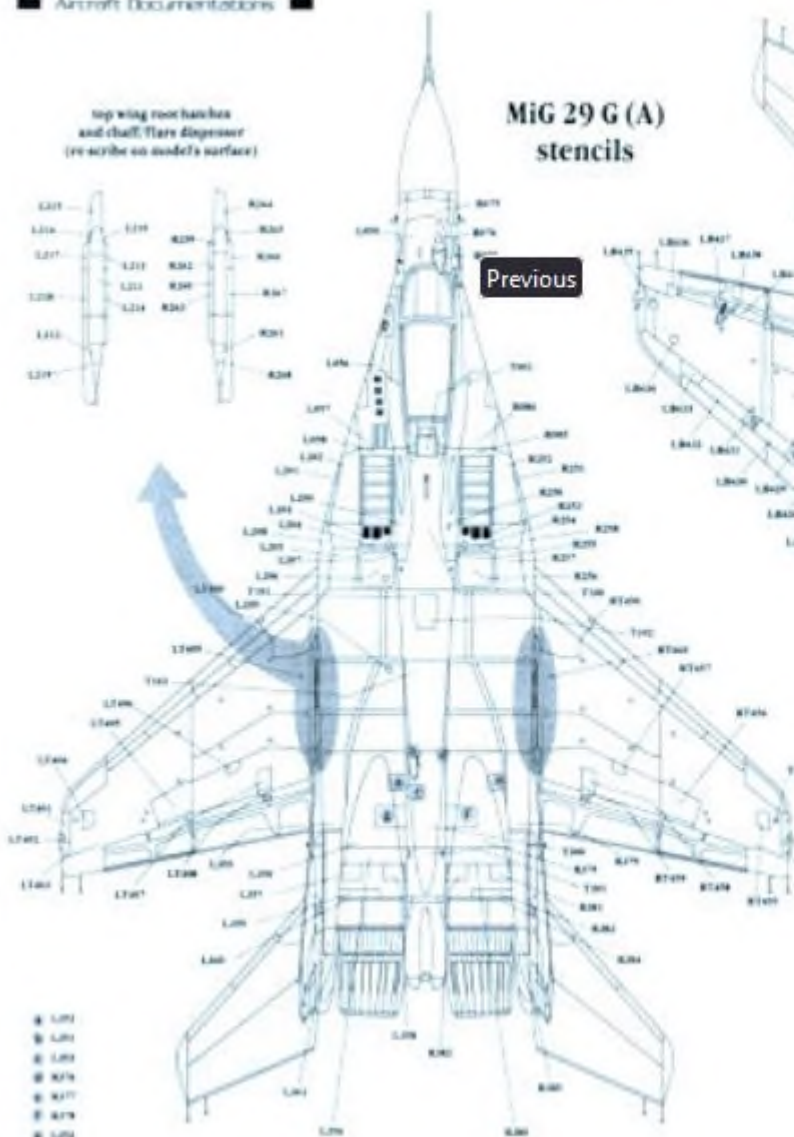
**MiG 29, 29+17, Fighter Wing 73 "Steinhoff", Laage, 2002**

In 2002 parts of the technical manual for the Fulcrum's paint job were changed and false canopies and anti-glare panels added to the Norm 90J camouflage. 29+17, together with 29+02 were chosen to test the effect and impact of these additions in air-to-air combat. Meanwhile the false canopy and air intakes (not the anti-glare panel!) can be found on several other MiG 29s such as: 29+01, 29+03, 29+08, 29+10, 29+14, 29+21, 29+23 and 29+25. Check the shape of the false air intakes on the upper fuselage carefully as they differ in shape and size on the particular aircraft.

**MiG 29 G (A)  
stencils**

Previous

top wing root fairings  
and fuel flare depressor  
(re-scribe on inside surface)



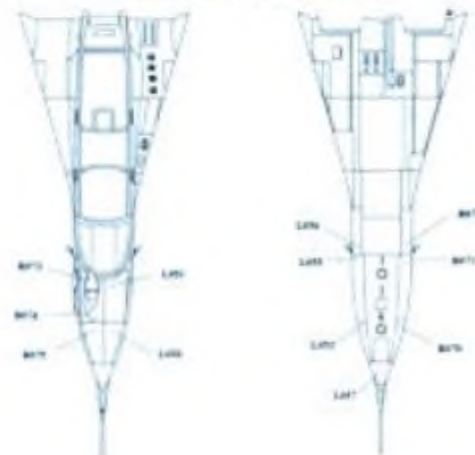
- ⊙ L101
- ⊙ L102
- ⊙ L103
- ⊙ K104
- ⊙ K105
- ⊙ K106
- ⊙ L107

bottom wing root fairings  
(re-scribe on models surface)

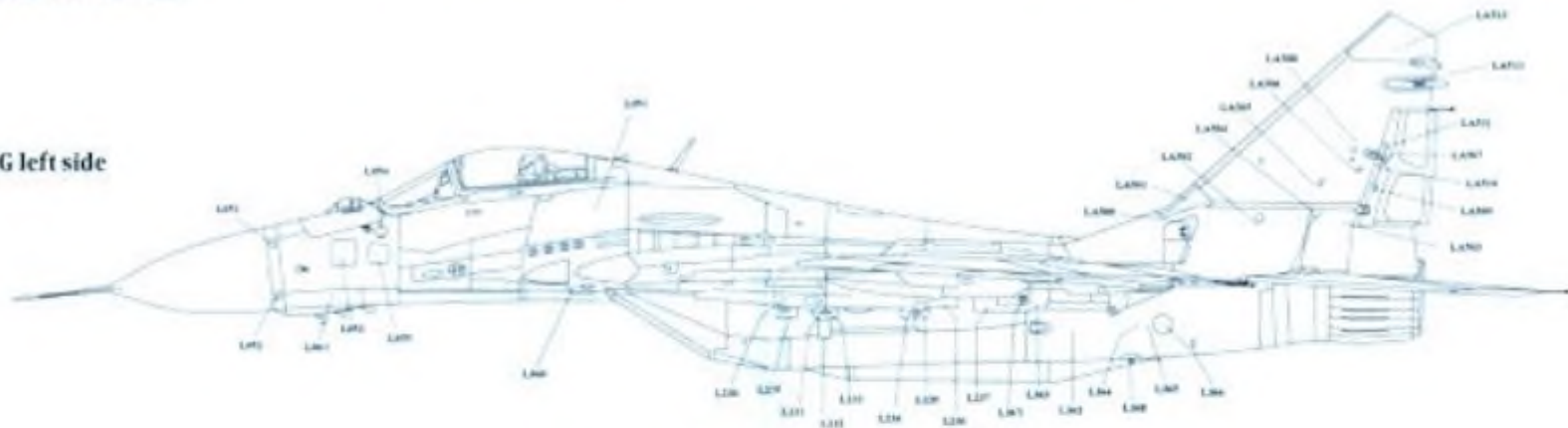


- ⊙ K101
- ⊙ K102
- ⊙ K103
- ⊙ K104
- ⊙ K105
- ⊙ K106
- ⊙ K107
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- ⊙ K109
- ⊙ K110
- ⊙ K111
- ⊙ K112
- ⊙ K113
- ⊙ K114
- ⊙ K115
- ⊙ K116
- ⊙ K117
- ⊙ K118
- ⊙ K119
- ⊙ K120

**MiG 29 GT (UB)  
stencils forward fuselage,  
remaining fuselage equals MiG 29 G**



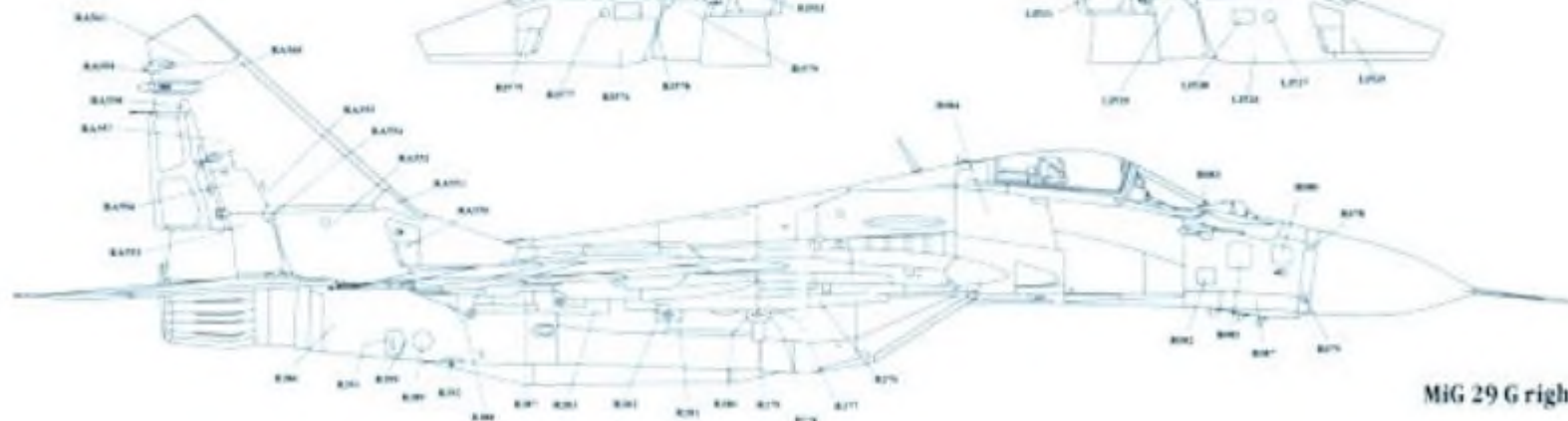
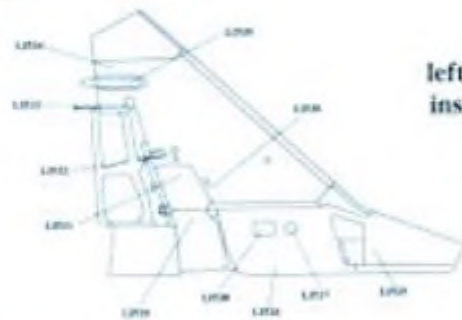
MiG 29 G left side



right fin inside



left fin inside



MiG 29 G right side