

TO: ALL NAVION DISTRIBUTORS, DEALERS AND OWNERS  
SUBJECT: INSPECTION OF NOSE GEAR RETRACTING DRAG LINK  
EFFECTIVITY: NAVIONS, NAV-4-2 THROUGH 1150  
CANCELS: FIELD SERVICE BULLETIN NO. 4 DATED JULY 12, 1948

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A few cases have been reported on earlier Navions where Nose Gear Retracting Drag Links, Part No. 145-34106 have failed in service. Despite the fact that a large number of these links have given many hours of service without trouble, it is considered necessary to reinforce all links having butt welds (either arc or flash) regardless of the position of the oil drain hole. Reinforced links will be furnished on an exchange basis by the Ryan Aeronautical Company and handled through authorized Ryan Navion Distributors or Dealers. Owners should contact their nearest Distributor or Dealer in advance to arrange for installation and make sure that reinforced links are available.

The procedure will be to make available through authorized Ryan Navion Distributors a quantity of factory reinforced link assemblies at a cost of \$58.40. This will be a complete link assembly including Parts No. 145-34106 reinforced aft link attached to a 145-34164 forward link together with 145-34121 hinge clevis bolt, 145-34182 bushing, 145-34183 roller, AN960 washer and AN320-7 nut. (See Figure 1.) Installation will be made for Navion owners on an exchange basis whereby parts removed from airplanes will be returned to the factory prepaid for a credit of \$50.40 for a complete assembly. This credit can only be allowed if parts are repairable. It is no longer necessary to submit an Application for Warranty Adjustment to obtain credit. All parts returned MUST be properly identified by tags. Distributor or Dealer installation cost, to be borne by the airplane owner, should not exceed the approximate equivalent of two man hours. When returned parts are received at the factory they will be inspected and credit will be issued for all repairable parts. Link assemblies will be properly mated and the correct over-travel angle provided; therefore, exchange assemblies must be complete as shown in Figure 1. In the event an incomplete assembly is returned, missing part or parts will be added and customer charged for the additions.

Install replacement links consisting of the following Part No. 145-34120 link assembly (less Part No. 145-34108 shaft) as follows: