 <p style="text-align: center;"> • MANUFACTURERS OF WIPLINE FLOATS & SKIS • SPECIALISTS IN AIRCRAFT MODIFICATION </p> <p style="text-align: center; font-size: small;"> 1700 Henry Avenue - Fleming Field South St. Paul, MN 55075 651-451-1205 </p>			Rev D
			Date 9/25/08
Prepared by Ellen Parker	Aircraft Make / Model Air Tractor AT-802A	Float / Ski Model 10000 Float	Page 1
FAA Reviewed <input checked="" type="checkbox"/>	Title Installation revised rear kicker strut		
ALL INFORMATION IN THIS SERVICE DOCUMENT BASED ON FAA APPROVED DATA			

SERVICE KIT: #69

EFFECTIVITY: Air Tractor AT-802A Wipaire float S/N 10059A/60A and lower

COMPLIANCE: As soon as possible, no later than next 100 Hr or annual inspection.

BACKGROUND INFORMATION: In service, the rear kicker strut load induces a moment to the fuselage frame, which may cause hairline fuselage frame cracking.

METHOD OF COMPLIANCE: Replace the rear kicker strut along with the main fuselage fitting, per 1002208 installation drawing and attached instructions. This addition of the new style kicker strut makes the rear diagonal flywires of Service Kit 53 obsolete.

PARTS REQUIRED:

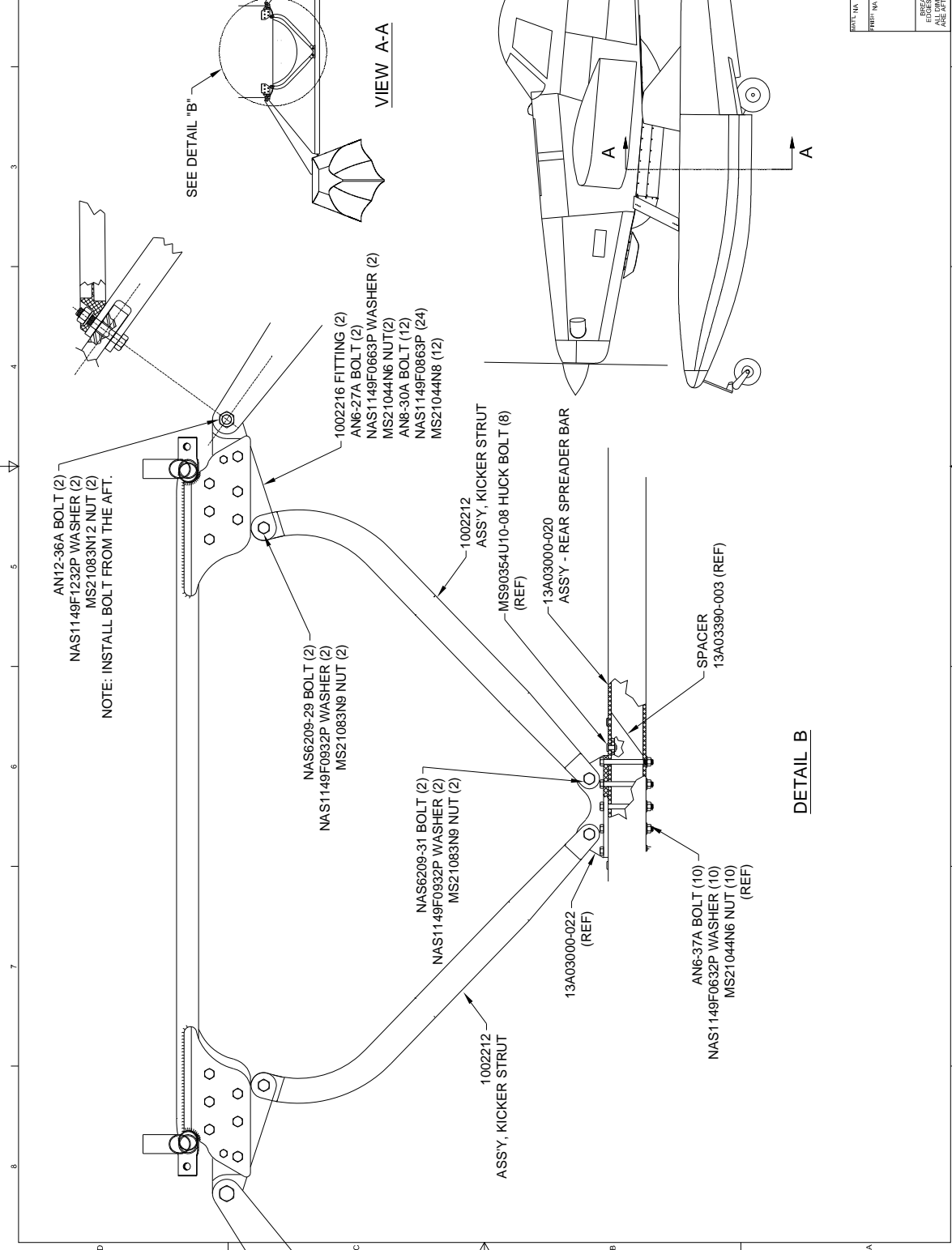
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|------|------------|------------------------------------------|
| (2) | 1002216 | Fuselage Fitting |
| (2) | 1002212 | Kicker Strut |
| (1) | 1002208 | Installation Drawing |
| (2) | NAS6209-31 | Bolt Kicker strut / Spreader bar fitting |
| (4) | MS21083N9 | Nut |
| (2) | MS21044N6 | Nut |
| (12) | MS21044N8 | Nut |

WARRANTY: Parts only

**INSTRUCTIONS FOR AFT FUSELAGE FITTING
AND KICKER STRUT REMOVE / INSTALL.
THESE DIRECTIONS ENABLE REMOVAL AND
INSTALLATION WITHOUT FLOAT REMOVAL
FROM AIRCRAFT**

1. Remove aircraft flaps and flap arms.
2. Disconnect the turnbuckles for steering, retract and balance cables.
3. Disconnect the scoop electrical wiring and hydraulics.
4. Remove the covers for access to the attach bolts.
5. Remove flywires if they were installed with Service Kit 53 as they are now obsolete.
6. Remove the rubber couplings on the fill tubes and fairings.
7. Pick up aircraft with a lifting rig.
8. Use a forklift or jack under the tail for increased mobility.
NOTE: Remove existing fitting and install new fitting on one side of the aircraft at a time.
9. Remove both kicker struts.
10. Remove main attach bolt connecting the float to the aft fitting.
11. Remove bolts connecting aft fitting to airframe.
12. To remove aft fitting:
 - Raise and lower tail as required
 - Jack inboard or outboard of float to twist
 - Pull wings forward, aft or down as requiredNOTE: Be careful float fitting doesn't dent or puncture the bottom of the wing.
13. Install the new aft fitting and associated bolts to standard torques.
NOTE: Main attach bolt installs easiest with a bullet.
14. Follow the same procedures for the opposite side of the aircraft.
15. Install the new kicker struts onto the aircraft.
16. Reinstall fill tubes and fairings.
17. Reinstall front flywires.
18. Reinstall access covers.
19. Reconnect scoop hydraulics.
20. Connect scoop electrical.
21. Rig the steering and retract cables.
22. Reinstall flap arms and flaps.

REV.	DATE	LEGO	DR	DESCRIPTION
A	07/10/07	20788	JAS	NEW RELEASE
B	08/07	23085	ESR	REPLACED
C	09/21/07	21018	ESR	NAS6209-31 WAS NAS6209-29 COMBINED DETAIL C WITH DETAIL B



WIPAIRE INC. 1700 HENRY AVE. SOUTH ST. PAUL, MN 55075 (612) 451-2505	
INSTALLATION: KICKER STRUT, SERVICE INT #99	PART NO. 1002208
FOR DIMENSIONS SEE DRAWING ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE	Sheet 1 of 1