

Docket No. SA-532

Exhibit No. 2-N

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

Operations/Human Performance Group Chairmen
US Airways QRH - Ditching

(2 Pages)

Attachment 13

to Operations / Human Performance Group Factual Report

DCA09MA026

**US AIRWAYS QRH
DITCHING**

Ditching

PREPARATION

1. **▶ If no engines are running:**
- a. Ditching Checklist complete, and
 - Accomplish ENG DUAL FAILURE on page 27.
- or
- ▶ If engine(s) running:**
- a. ATC/TRANSPONDER.....Notify/As Required
[Notify ATC of the nature of the emergency and state intentions. If not in contact with air traffic control, switch to code A7700 or transmit a distress message on one of the following frequencies, (VHF) 121.5 MHz, or (HF if installed) 2182 KHz or 8364 KHz.]
 - b. Cabin and Cockpit Prepare
 - notify cabin crew
 - loose equipment secured
 - survival equipment prepared
 - belts and shoulder harness locked
 - c. GPWS SYS OFF
 - d. GPWS TERR..... OFF
[Pressing OFF the SYS and TERR pb's avoids nuisance warnings.]
 - e. CABIN SIGNS ON
 - f. EMER EXIT LT ON
 - g. **▶ If Commercial pb is installed:**
 - or (1) COMMERCIAL pb OFF
 - ▶ If Commercial pb is not installed:**
 - (1) GALY & CAB OFF
 - h. LDG ELEV Select 0
 - i. BARO Set
- When below 10000':**
- 2. CREW OXYGEN MASKS..... OFF
 - 3. OXYGEN CREW SUPPLY OFF

Note: Omit normal Descent-Approach and Landing Checklist.

APPROACH

- 4. L/G Lever.....UP
 - 5. SLATS and FLAPS..... Max Available
- At 2000' AGL:**
- 6. CAB PRESS MODE SEL Check AUTO
[Outflow valve would remain open if MODE SEL were not in AUTO.]
 - 7. BLEEDs (ENGs and APU)..... OFF
 - 8. DITCHING pb ON
 - 9. ELT (If installed on overhead panel)..... ON |

Note: If strong winds, ditch into the wind. In the absence of strong winds ditch parallel to the swells. Touchdown with approximately 11° of pitch and minimum vertical speed.

▶
Cont'd

At 500' AGL:

10. Brace Signal.....Command

At Touchdown:

11. ENG MASTERS 1 and 2..... OFF

12. APU MASTER SW..... OFF

After Ditching:

13. ATC (VHF 1) Notify

14. FIRE pbs (ENGs and APU)..... PUSH

15. AGENTS (ENGs and APU)..... DISCH

16. Evacuation Command.....Initiate

Note: After impact, the lowest point of the passenger exits (aft door) remains above the waterline for more than 7 min.

17. Ditching Checklist complete.