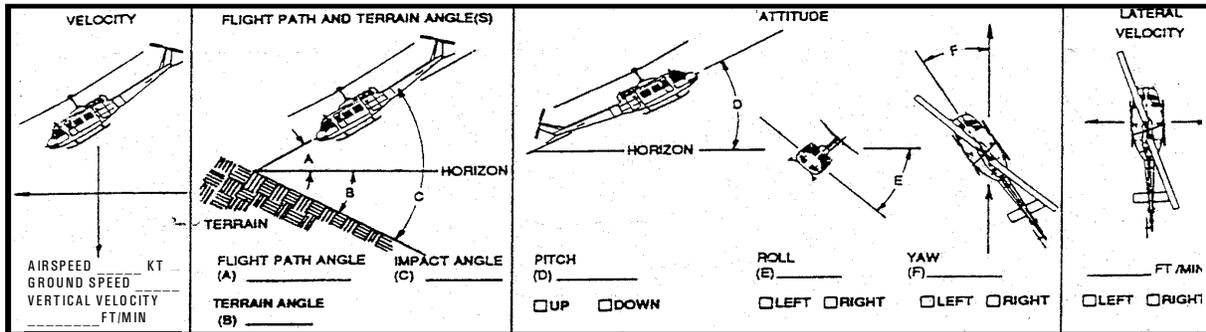


Impact Data

SOME FORMS MAY CONTAIN INFORMATION THAT IS PROTECTED FROM RELEASE UNDER THE
FREEDOM OF INFORMATION ACT
THIS IS PART OF A LIMITED USE NAVAL AIRCRAFT INVESTIGATION REPORT
THIS FORM CONTAINS ONLY NON-PRIVILEGED INFORMATION AND SHOULD BE PLACED IN
PART A OF THE MISHAP REPORT
DO NOT ATTACH THIS FORM TO A JAG INVESTIGATION REPORT

1. IMPACT (Determined from physical evidence and non-privileged information)



2. IMPACT SITE TERRAIN

mountainous		packed clay
plain		cultivated soil
swamp		sod
concrete		snow
asphalt		water ft depth
		ice in. thickness

OBSTACLES

rock face		wires
boulders ft. dia		poles
scrub		tower
trees in dia.		rigid structure
Bird/Animal		wood frame structure
distance (feet) from first impact to major wreckage		

LOCATION TYPE:

- () AVIATION SHORE FACILITY
- () URBAN/SUBURBAN AREA
- () RURAL AREA
- () SHORE UNKNOWN
- () OPEN WATERS (OCEANS/SEAS/GULFS)
- () COASTAL WATERS (BAYS/SOUNDS)
- () INLAND WATERS
- () WATER UNKNOWN
- () UNKNOWN

SHORE LOCATION CONTROLLED BY:

- () CIVILIAN
- () USN
- () USMC
- () USAF
- () USA
- () USCG
- () GOVT - NON DOD
- () FOREIGN MIL
- () FOREIGN - OTHER
- () UNKNOWN

Instructions

Submit this form for all mishaps involving manned aircraft that impact the earth, sea or other aircraft.

1. Impact: Describe aircraft attitude, speed and aspect at impact by assigning values to the variables depicted in the drawings.
2. Impact Site: Use available selection to characterize the terrain and features at the mishap site. Some selections require further description (depth, girth, thickness) in units indicated alongside. Check the block labeled "Other" and provide a brief description if the mishap site has unique features not included in the selection offered.

(continued on page 3)

Name: _____
 Duty/Title: _____
 Date of Mishap: _____
 Reporting Custodian: _____

Mishap Severity: _____
 Mishap Category: _____
 Aircraft Model: _____
 BUNO: _____

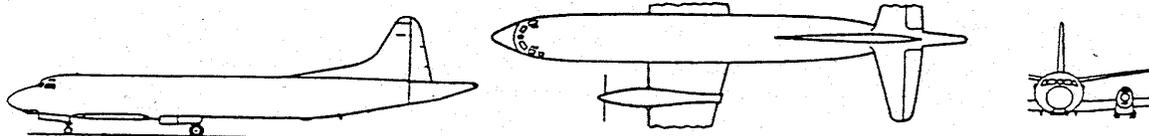
SOME FORMS MAY CONTAIN INFORMATION THAT IS PROTECTED FROM RELEASE UNDER THE PRIVACY ACT

**THIS IS PART OF A LIMITED USE NAVAL AIRCRAFT INVESTIGATION REPORT
THIS FORM CONTAINS ONLY NON-PRIVILEGED INFORMATION AND SHOULD BE PLACED IN
PART A OF THE MISHAP REPORT**

DO NOT ATTACH THIS FORM TO A JAG INVESTIGATION

3. FUSELAGE DEFORMATION

(Shade in the areas deformed and show breaks in fuselage)



Fuselage Area	Inward Deformation (in inches)	Station No.		Fuselage Area	Inward Deformation (In Inches)	Station No.		Fuselage Area	Inward Deformation (In Inches)	Station No.		
		From	To			From	To			From	To	
Roof				Left Side				Belly				
Floor				Right Side				Nose				
										Rear		

4. MAJOR IMPACT FORCES

Did aircraft rotate about any axis after impact? (If yes, complete item a, b, c below)

YES NO UNKNOWN

Rotations (degrees)			
Aircraft Axis			
a. Roll	Left	Right	Degrees:
b. Yaw	Left	Right	Degrees:
c. Forward nose over (degrees)			
Impact forces relative to aircraft axes (Gs)			
Vertical (Gs)	Longitudinal (Gs)		Lateral (Gs)
Up Down	Fore	Aft	Left Right

5. NON-EJECTION SEAT DATA

Air Crew Duty			
Position in Aircraft			
Restraint System*			
Type (part number)			
Inertia Reel Locked? (Yes/No)			
Release Buckle Locked? (Yes/No)			
Seat System*			
Type (part number)			
Vertical Adj. Position			
Horizontal Adj. Position			
Seat Energy Absorber			
VLEA Wgt. Setting			
L.H. Vertical Stroke			
R.H. Vertical Stroke			
L.H. Horizontal Stroke			
R. H. Horizontal Stroke			
Other			

*Be sure to discuss component failures in the remarks section.

Name: _____
 Duty/Title: _____
 Date of Mishap: _____
 Reporting Custodian: _____

Mishap Severity: _____
 Mishap Category: _____
 Aircraft Model: _____
 BUNO: _____

**SOME FORMS MAY CONTAIN INFORMATION THAT IS PROTECTED FROM RELEASE UNDER THE
PRIVACY ACT**

**THIS IS PART OF A LIMITED USE NAVAL AIRCRAFT INVESTIGATION REPORT
THIS FORM CONTAINS ONLY NON-PRIVILEGED INFORMATION AND SHOULD BE PLACED IN
PART A OF THE MISHAP REPORT**

DO NOT ATTACH THIS FORM TO A JAG INVESTIGATION

6. SEAT CONDITION POST IMPACT				
Attached to Airframe				
Not Attached to Airframe				
Partially Attached to Airframe				
Unkown				

7. FIRE:
 POST IMPACT PREIMPACT BOTH NONE UNKNOWN

8. FLIGHT DATA RECORDER:
 DATA RETRIEVABLE DATA RETRIEVABLE WITH REPAIR DATA NOT RETRIEVABLE

9. REMARKS.

Instructions
(continued from page 1)

3. Fuselage deformation: For occupied aircraft, shade the areas of the aircraft in the outline views, as appropriate, to indicate damage (crush, protrusion, tear). Label the drawing and complete appropriate boxes with measurements and reference station numbers to aid description. If the diagram provided is inadequate to depict the damaged areas, diagrams may be substituted from the appropriate NATOPS manual.

4. Major Impact Forces (occupied aircraft only): Rotation - describe aircraft motion following major impact (tumble, roll) and deceleration forces of the major impact.

5. Non-Ejection Seat Data:
 Terminology: VLEA = Variable Load Energy Absorber
 R.H. = Right Hand
 L.H. = Left Hand
 Adj. = Adjustment

6. Describe Aircraft Fire Damage.

7. Describe Flight Data Recorder usefulness after impact.

8. Remarks: Use this space to continue any narrative description for which space or options above are inadequate.

Name: _____
 Duty/Title: _____
 Date of Mishap: _____
 Reporting Custodian: _____

Mishap Severity: _____
 Mishap Category: _____
 Aircraft Model: _____
 BUNO: _____