National Transportation Safety Board	NTSE	D: SEA01LA0	67	Aircraft Registr	Aircraft Registration Number: N6295K						
FACTUAL REPORT	Occu	rrence Date: 03/2	23/2001	Most Critical In	Most Critical Injury: None						
<b>AVIATION</b>	Occu	rrence Type: Acc	ident	Investigated By	Investigated By: NTSB						
Location/Time	•			·							
Nearest City/Place	State	Zip Code	Local Time	Time Zone	Time Zone						
Carr Inlet	WA	98335 1115 PST									
Airport Proximity: Off Airport/Airstrip	Distance Fro	vistance From Landing Facility: 5									
Aircraft Information Summary											
Aircraft Manufacturer		Model/Serie	es			Type of Aircraft					
Republic		RC-3				Airplane					
Revenue Sightseeing Flight: No		Air	Medical Transp	oort Flight: No							
Narrative											
Revenue Sightseeing Flight: No     Air Medical Transport Flight: No       Narraive     End manage subsequent to the acideminodent     Image: Subsequent to the separation of the propeller while in cruise flight approximately 5 statute miles west of Tacoma Narrows Airport, Gig Harbor, Washington. The airplane is owned by the pilot, and was being operated as a personal/pleasure flight under the provisions of the implane, was not injured. Visual meteorological conditions prevailed and no flight plan had been filed. The flight originated from Mason Lake, Washington, approximately 5 minutes prior to the accident. The airplane is intended destination was Tacoma Narrows Airport, Gig Harbor, Washington.       In a telephone conversation with the NTSB, the pilot stated that the airplane was in a cruise flight configuration at 1,500 feet mean sea level (msl) when he observed an engine over speed condition. The pilot reduced engine RFM and executed a forced water landing near Carr Inlet.       Post-accident inspection of the airplane disclosed that the airplane's propeller had separated from the crunkshaft flange. The remnants of three propeller bolts were recovered; however, the propeller assembly was not recovered.       The recovered pieces of propeller bolts were submitted to the NTSB Materials Laboratory in Washington, D.C. for metallurgical examination. The Materials Laboratory's factual report (Report No. 0.01-076, attached) noted that fractures in the bolts were found in volocations, adjacent to the underside of the head of the bolt and were oriented at a slight angle towards the solut and were oriented at a slight angle towards the solut and were oriented at a slight angle towards the solut and through the shank fractures in the two recovered bolt shank sections were noted to be 1.0 and 1.1 inches from the end of the head, respectively											

FACTUAL REPORT - AVIATION

National Transportation Safety Board	NTSB ID: SEA01LA067
FACEUAL REPORT	Occurrence Date: 03/23/2001
AVIATION	Occurrence Type: Accident
Narrative (Continued)	

stress fatigue cracking in steel alloys.

Examination of the threads on the sides of the recovered shank pieces were flattened. In each case, approximately 4 threads were flattened over a length of about 0.2 inch.

Aircraft maintenance records indicate that the aircraft's propeller was removed and replaced 2.8 flight hours prior to the accident. The propeller was removed in order to comply with AD (Airworthiness Directive) 97-18-02.

National Transportation Safety Bos	ID: SEA0	1LA067								
FACTUAL REPORT	Occur									
AVIATION		rence Type:								
Landing Facility/Approach Infor	mation									
Airport Name		Airport ID:	Airport Elevation	y Length	Run	way Width				
Tacoma Narrows	TIW	292 Ft. MSL	-							
Runway Surface Type: Unknown										
Runway Surface Condition: Watercalm										
Approach/Arrival Flown: Unknown										
VFR Approach/Landing: Forced Lan	ding									
Aircraft Information										
Aircraft Manufacturer Republic			Model/ RC-3	'Series				Serial N 508	umber	
Airworthiness Certificate(s): Normal										
Landing Gear Type: Retractable - A	mphibian; Hull;	Tricycl	le							
Amateur Built Acft? No No	Certifie	d Max Gross Wt.	3150 LBS Numbe			of Engine	s: 1			
Engine Type: E Reciprocating				Engine Manufacturer: Mod Lycoming GO					Rat 30	ed Power: 0 HP
- Aircraft Inspection Information										
Type of Last Inspection			Date of Last Inspection Tir			Fime Since Last Inspection				otal Time
Annual			05/2000				3 Ho	ours		Hours
- Emergency Locator Transmitter (EL	F) Information									
ELT Installed?/Type Yes /	ELT Operated? No ELT Aided in Locating Accident					ent Site?	No			
Owner/Operator Information			_							
Registered Aircraft Owner			Street A	ddress 4366 North L	exingtor	า				
William B. Blackett			City							Zip Code
			Street A	l acoma					WA	98407
Operator of Aircraft				4366 North L	exingtor	า				
William B. Blackett	City Tacoma						State WA	Zip Code 98407		
Operator Does Business As: Operator Designator Code:										
- Type of U.S. Certificate(s) Held: None										
Air Carrier Operating Certificate(s):										
Operating Certificate:	Operating Certificate: Operator Certificate:									
Regulation Flight Conducted Under: Part 91: General Aviation										
Type of Flight Operation Conducted: Personal										
FACTUAL REPORT - AVIATION Page 2										

Nationa	TRANS	Safety Board	1	NTSB ID: SEA01LA067										
E/	ACTELAL RE	<b>PART</b>	-	Occurren										
L'F					, i		_							
	Cocurrence Type. Accident													
First Pilot	Information													
Name City State Date of Birth										Age				
On File					On File On File On File									
Sex: M	Seat Occupied:	: Left	Occupational Pilot? Doctor/Dentist Certificate Number: On File											·
Certificate(s): Commercial														
Airplane Rating(s): Multi-engine Land; Single-engine Land; Single-engine Sea														
Rotorcraft/G	Glider/LTA: None	9		-		-								
Instrument	Rating(s): Airpl	ane												
Instructor Rating(s): Airplane Single-engine														
Current Bier	nnial Flight Revie	w? 05/199	9											
Medical Cer	rt.: Class 3	Medica	al Cert. Statu	us: Valid Me	dicalno w	vaivers/l	im.		D	ate of L	ast Mec	dical E	xam: 04/1999	
		I							ľ					
- Flight Tim	ne Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Mult-Engine	Nigl	Night Actu		Instrument Jal Simulated		Ro	otorcraft	Glider	Lighter Than Air
Total Time		680	200	477	203	3	20		57 5		54			
Pilot In Corr	nmand(PIC)													
Instructor						_								
Instruction F	Received					_								
Last 90 Day	ys													
Last 30 Day	ys					-								
Last 24 Hou	urs		L			T	<b>-</b> ·	L						
Seatbelt Us	sed? Yes	Shou	ilder Harnes	s Used? NO			IOXICO	ology P	erforme	d? No		Se	econd Pilot? No	0
Flight Pla	n/Itinerary													
Type of Flig	ht Plan Filed: No	one												
Departure F	Point						State Airport I		port Identifier Depart		rture Time	Time Zone		
Mason La	ke						WA					1110		PST
Destination							State	•	Airport	Identifie	er			
ТАСОМА	TACOMA WA TIW													
Type of Clearance: None														
Type of Airspace: Class D														
Weather	Weather Information													
Source of V	Source of Wx Information:													
Unknown														
				FACTUAI	L REPORT	- AVIA		N						Page 3

National Transportation Safety Board			NTSB ID:	NTSB ID: SEA01LA067									
F	FACTUAL REPORT			ce Date:	03/23/2	001		1					
	AVIATION		Occurrent	Occurrence Type: Accident									
Weather	Information												
WOF ID	Observation Time	Time Zone	WOF Elevat	ion	WOF Di	stance Fro	m Accie	dent Site	ent Site Direction From Accident Site				
TIW	1053	PST	293 Ft	MSL				4 NM			263 Deg	g. Mag.	
Sky/Lowes	st Cloud Condition: Cle	ar				Ft. A	GL	Condition of	of Lig	nt: Day			
Lowest Ce	iling: None		Ft.	AGL	Visibi	lity:	10	SM	SM Altimeter: 30.06				
Temperatu	ure: 10 °C	Dew Point:	4 °C	Weath	ner Condi	tions at Acc	cident S	Site: Visual	Conc	litions			
Wind Direc	ction: 338	Wind Speed	1: 6		Wind	I Gusts:							
Visibility (F	RVR): F	. Visibility (R	VV)	SM	I								
Precip and	/or Obscuration:	<b>I</b>											
Accident													
Accident								A		Ness			
Aircraft Da	mage: Substantial		Aircraft Fir	e: None				Aircraft Exp	DIOSIO	n None			
		<u> </u>											
- Injury Su	mmary Matrix	Fatal Se	rious Mino	or	None	TOTAL	-						
First Pi	ilot				1	1	-						
Second	d Pilot						-						
Studen	t Pilot						-						
Flight I	nstructor						-						
Check	Pilot						4						
Flight E	Engineer						4						
Cabin /	Attendants						4						
Other (	Crew						_						
Passer	ngers												
- TOTAL A	ABOARD -				1								
Other 0	Ground												
- GRANE	D TOTAL -				1								
	FACTUAL REPORT - AVIATION Page 4												

National Transportation Safety Board	NTSB ID: SEA01LA067									
FACTUAL REPORT	Occurrence Date: 03/23/2001									
AVIATION	Occurrence Type: Accident									
Administrative Information										
Investigator-In-Charge (IIC)										
Dennis J. Hogenson										
Additional Persons Participating in This Accident/Incident Investigation:										
William J Reichardt FAA - FSDO Seattle, WA										