NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT REPORT This Form To Be Used For Reporting Civil Aircraft Accidents Involving Commercial and General Aviation Aircraft

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A S D MINISTER AND A STORY OF THE STORY OF T	AND ASSESSMENT OF THE PROPERTY OF THE PARTY					•••					
	Nearest City/Place, State, Zip Code Date of Acc					24 HOUR CLOCK			Zone Elevation At Accident Sit		Site
Roanoke, VA				t 19,	<u></u>			EDST		eet MSL	
If The Accident Occu		th, Takeoff Or Withi	n 3 Mile	s Of An	Airport, Com	plete Th	e Followin	g Informatio	on		
Proximity To Airport	:								= 5 ···		
1. On Airport		3. Within 1/2 Mil	е		5. Within	1 Mile		7. □ W	ithin 3 Miles		
2. Within 1/4 Mile	A AMERICAN STATE OF THE STATE O	4. Within 3/4 Mil	e		6.⊠ Within 				eyond 3 Mile	s	
Airport Name Roanoke Regio	nal	Airport Ident		1	vay/Landing S			ions: n/	a		
(Woodrum Fiel		ROA		1. Direct		3. Widt 4. Surfa		5. 0	Condition:		
Phase Of Operation:				1-1-0							
1. Standing	3. Takeoff	5. Cruise		7. 🗀 🗛	pproach	9.	. Hover	/Maneuver			
2. Taxi	4. Climb	6. 🗌 Descen		8. 🔀 La				e Of In-Flight		Fe	et MSL
Aircraft Information											
Registration Mark	Aircraft N	/lanufacturer		Aircraft 1	Type/Model		Sei	rial Number		Cert Max G	Fross WT
N4316X	Pipe	r		Lance	PA32R			32R-7680	009		
Type Of Aircraft		Diame (D) 1 10 1			Airworthiness	s Certific		ف مداسد		Amateur B	uilt
1.ሺ∴Airplane 2. ☐ Helicopter	_	Blimp/Dirigible Ultralight		1.						1. 🗌 Yes	
3. Glider	_	Gyroplane		3. Acrobatic 7. Exp						2. 🔯 No	
4. Balloon	_	pecify		4. 🗍 Tra	ansport		8. Speci	fy			
Landing Gear		<u></u>								No. Of Seat	
1. Tricycle—Fixed		4. Tailwheel				Skid	. =1		(Flight/Cabi	in 2
2.҈∑ Tricycle—Retra 3. ☐ Tailwheel—Fixe		5. ☐ Tailwheel- 6. ☐ Amphibia		table ivia		Ski/Whe pecify _				Crew Pax	4
Stall Warning Systen		IFR Equipped	· · · · · · · · · · · · · · · · · · ·	ne Type					· +-		
Installed				••							
1.ሺ Yes 2. No		1 ⊠ Yes 2. No			cating—Carbo cating—Fuell		_	📆 Turbo Pro 🗍 Turbo Jet	•	. 🔲 Turbof . 📋 Turbo 🕻	
Engine Manufacturer		Engine Model/Seri			Engine Rate			Туре О	f Fire Exting	uishing	
Lycoming		MINEO			1. <u>300</u> н	loreano	AIOT	System 1 D N	one Hale	on	
119 001111111		KlA50			2Lb	s. Thrus	t	2. Spec	ify Hand _	Held	
Engine(s)	Date of Mfg.	Mfg. Serial No.	Tot	tal Time		Time	Since Insp	ection	Time Sino	e Overhau	i
Engine No. 1		613476 - 48A		588	Hours		7			895	Hours
Engine No. 2				, , , ,	Hours		···································	Hours			Hours
Engine No. 3					Hours	1		Hours	3		Hours
Engine No. 4					Hours	;		Hours	3		Hours
Type Of Maintenance	Program				e Of Last Insp	ection		(Date Last Ins	pection Per	rformed
1. ☑ Annual 2. ☐ Manufacturer's	Inspection Progr	am		_	Š Annual 7 100 Hour				Dec. 23 Time Since L	-	•
3. Other Approved								;	7	4 4	_ Hours
4. Continuous Ain	worthiness			-	Continuous	Airwort	thiness	,	Airframe Tot		
5. Specify Emergency	ELT Manufact	HIPAP	Tax	- Andel/Ca	riae		Carial M.	mbor	368	8 ery Date	Hours
Locator	EL MANUISC	uidi	Model/Series Serial Number			(M/D					
Transmitter (ELT)	Switch				Operated			Aided In Accident Location			
	1. ☑ On 2.	Off 3. Arme	ed		Yes 2.	No	į	1. ☐ Yes			
Registered Aircraft O	wnerki. III	and		Add	dress .						
Judith Ann Ku				—	N/I		DΛ	3.0005			
Operator Of Aircraft				Ade	dress Mead	lville	; 1'A	16335			
Operator Of Aircraft 1. [χ] Same As Registered Owner					1. Same As Registered Owner						
1. [X] Same As Registered Owner 2. Name					-						
1 77	tered Uwner			1.[<u>}</u> 2	-	egistered			_		

Owner/Operator Informa	tion (cont.)		MIRRINATEDIA			开 自124			e propinski sek	
Operator (Certificate Num			ignator (4 Lette			ing summing at a part of the summer of	**************************************	<u> </u>		Leaves - La march - Ma
		ASEL								
Purpose Of Flight And Ty	pe Of Oper	ation								
Regulation Flight Conduct 1. △ FAR 91 (only) 2. □ FAR 91D	tor Under 4.	1 5 9 6. Aerial C 7. Other W 8. Public L 9. Ferry 9. Position	Vork Use Jse	FAR 1	Domestic Flag Supplementa	FAI 6. [al FAI 7. [FAI 8. [R 133 Rotorcraft External Lo R 125 Large Airc R 129 Foreign	Page 11. 22. 33. 34. 55. 66.	AR 121, 125, evenue Ope Schedule Non Sche Internation Passenge Cargo Specify Nation US	ed eduled c onal er
Certificate(s)	~(_,				1					
1. ☐ Student 2. ☐ Private		nmercial ine Transpo	_	light Instruct light Enginee		. ☐ Military . ☐ Foreign		. None . Specify		
Rating(s) 1. None 2. Single Engine Land 3. Single Engine Sea 4. Multiengine Land 5. Multiengine Sea		7. ☐ G	ee Balloon irship	Instrumen 1. None 2. Airpl 3. Helio	e ane	1.½ 2.[3.[tructor Rating None Airplane Airplane Helicopte Glider	6. [6.E. 7.[M.E. 8.[Instrumer Instrumer Ground Ir Specify	nt Helicopter istructor
Type Ratings/Student End	lorsements		y. op. oo	Date Of Bio	ennial Flight		BFR Aircra	ft		
A.S.E.L.				Or Equival	ent(M/D/Y) Der 30,		1. WIAKE _	Piper Lance PA	130	
Medical Certificate		Data Of La	st Medical	Limitation		1332] 2. WOOD		Date Of Birt	h (M/D/Y)
] Class 2	(M/D/Y)	st Middlear	Nor	ne					
1. ☐ None 3. ☐] Class 2	(M/D/Y)	3/92	Nor	ne					
1. ☐ None 3. ☐	-	(M/D/Y) 9/28 cupled it 4		Nor Waivers Person A	ne	nd 3. 🗌 B	• • • • • • • • • • • • • • • • • • • •	5. No Or	Seat Be	elt Available
1. None 3.	Class 3 Seat Occ 1. Lef 2. Ric	9/28 cupled ft 4 pht 5 nter	3/92 4. □ Front 5. □ Rear	Nor Waivers Nor Person A 1. Pilc 2. Sec	ne ne at Controls A ot In Comma	3. ☐ 8 4. ☐ N Source 6 1. ☑ Pil 2. ☐ Op	Both Pilots Non-Pilot	5. No Or	Seat Bene 1. \(\sum Y \) 2. \(\sup \) N	elt Available es o
1. None 3. □ 2. □ Class 1 4. ② Degree Of Injury 1. □ None 2. ⋈ Minor 3. □ Serious 4. □ Fatal Seat Belt Used 1. ⋈ Yes 2. □ No	Class 3 Seat Oct 1. □ Let 2. □ Ric 3. □ Ce Shoulder: Available 1. □ Yes 2. □ No	9/28 cupied it 2 inter Harness	Shouldd Used 1.\(\text{X}\) Ye 2.\(\text{I}\) No	Nor Waivers Nor Person A 1. Pilo 2. Sec	ne at Controls A ot In Comma cond Pilot	3. E 4. N Source 1. N Pil 2. Or 3. FA	Both Pilots Non-Pilot Of Pilot Fligh lot Logbook perators Esti A Records ument	5. No Or	Seat Be 1. 2 Y 2. 1 N mation 4. Compa	es o any
1. None 3. 2. 3. 4. 2 Class 1 4. 2 Degree Of Injury 1. None 2. Minor 3. Serious 4. Fatal Seat Belt Used 1. Yes 2. No Flight Time	Class 3 Seat Oct 1. Let 2. Ric 3. Ce Shoulder Available 1. Yes 2. No All A/C	9/28 cupied it 2 inter Harness This Make & Model	Should Used 1. Ye 2. No Airplane Single Engine	Not Waivers Not Person A 1. Pilo 2. Sec	ne at Controls A ot In Comman cond Pilot Night	3. E 4. N Source 1. Pil 2. Or 3. FA Instru Actual	Of Pilot Fligh lot Logbook berators Esti A Records ument Simulated	5. No Or It Time Informate Rotorcraft	Seat Be 1. Y 2. N mation 4. Compa 5. Specify Glider	es o any Lighter Than Air
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Instrument Rating(s)	(SECOND PILO) (INEORIA)	TION (cont		gerting distribution		de la	in the	197				
					The same of the sa		The same a					
	1. ☐ None		6. ☐ Hel	licopter							☐ Instrume	ent Airplane
A	2. Single Engine Land		7. Glid	der	2. 🗌 Ai	rplane						
Date Of Biennial Flight Review Or Equivalent (M/D/Y)					3. ☐ H	elicopter						
Date Of Biennish Right Review OF Equivalent (M/D/Y)		ν,			1					er 9.	Specify	
Medical Certificate			10.	roplane	1				. U Glider	T		
Modical Certificate	Type Ratings/Student End	orsements	1					leview		BFR Airc	raft	
Modical Certificate Class 3 Class 2 Class 3 Center Set Class 3 Cen					Or Equi	Valent (IV	1/0/1)			1. Make		
Modical Certificate Class 3 Class 2 Class 3 Center Set Class 3 Cen			* N.							2. Mode	ŀ	
	Madical Cartificate		Data Of Las	Madical	Limitat	ione				1		
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	1. ☐ None 3. ☐] Class 2	1								}	
1	2. ☐ Class 1 4. ☐	Class 3		***	Waiver	\$						
1	Degree Of Injury		1	Seat Occupie	od .						Seat Be	lt Available
Sest Belt	1. None	3. 🔲 Seriou	s		1	_ 3. 🔲 Q	Center		5. 🔲 Rea			
Seat Belt Used					1	4. 🗍 F	ront				2. N	o
Used				<u> </u>				· · · · · · · ·			L	
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Fight Time	2	2.0 10			, 	-1	\rightarrow	1	7711600103	1		· · · · · · · · · · · · · · · · · · ·
Total Time Pilot In Command (PIC) Instructor This Make/Model Last 90 Days Last 24 Hours Other Personnel Seat Address (City & State) Name Seat Address (City & State) Passenger Non- Revenue			This Make	Airplane	Airplane		1	Inst	rument			
Pilot in Command (PIC) Instructor This Make/Model Last 39 Days Last 30 Days Last 30 Days Cother Personnel Name Seat Address (City & State) Name Seat Address (City & State) Passenger Non-Revenue Revenue	Flight Time	All A/C	& Model	Single Engine 1	lultiengi	ne Nig	ght	Actual	Simulated	Rotorcraft	Glider	Than Air
Instructor This Make/Model Last 30 Days Last 24 Hours Other Personnel Passenger Non-Revenue Revenue	Total Time											İ
This Make/Model Last 30 Days Last 24 Hours Other Personnel Seat Address (City & State) Passenger Non- Revenue Reve	Pilot In Command (PIC)											
Last 30 Days Last 30 Days Cher Personnel Passenger Non- Non- Cocupant FAA Fatal Serious Minor None	Instructor											
Last 24 Hours Other Personnel Name Seat Address (City & State) Passenger Non- Revenue Revenu	This Make/Model			•								
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Last 24 Hours Other Personnel										1	†	
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Name Seat Address (City & State) Crew Revenue Reven												
Name Seat Address (City & State) Crew Revenue Revenue Occupant FAA Fatal Serious Minor None 1.			I				Pass	enger			Degre	e Of Injury
1. 2. 3. 4. 4. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.			.	100. 00	.	_ [Non-		Non-			
2. 3. 4. 5. 6. Flight Itinerary Information Last Departure Point 1. Airport ID	Name	Seat	Addres	ss (City & State)	Crew F	levenue	Revenu	ie Occupa	int FAA	A Ratal Serio	us Minor None
3. 4. 5. 6. Flight kinerary Information 1. Airport ID ROA 2. City/Place Roanoke 3. State A 2. Time Zone EDST 3. State A 3. State A 3. State A 3. State A 4. State Bearing Was Obtained Or If Weather Reports Were Checked And How It Was Accomplished Weather was not a factor Fuel On Board At Last Takeoff 94 Gallons or Pounds 1. State B 3. State A 3. Stat								- 			``.	
4. 5. 6. Flight tinerary Information Last Departure Point 1. Airport ID 2. City/Place Roanoke 3. State 2. Time Zone 2. Time Zone 3. State 4. Destination 1. Airport ID 2. City/Place Meadville 2. City/Place Meadville 3. State 4. OFR/FR 5. Company (VFR) 3. State 4. OFR/FR 6. Military (VFR) Fuel On Board At Last Takeoff 94 Gallons or 2. Molouwlead Pounds Other Services, If Any, Prior To Departure None Weather Information At The Accident Site Souce Of Weather Information (Pilot/Operator, Weather Observation) Computer generated Destination 1. Airport ID 26b 1. Airport ID 26b 1. Airport ID 26b 1. Airport ID 26b 1. Airport ID 26c 2. City/Place Meadville 2. VFR 3. IFR 6. Military (VFR) 6. M	2.											
5. 6. Flight ktinerary Information Last Departure Point 1. Airport ID ROA 2. City/Place Roanoke 3. State VA 2. Time Zone EDST 3. State VA 3. State VA 4. State VA 4. State VA 4. State VA 5. Specify Fuel Type 94 Gallons 0r Pounds 1. 80/87 9. At 115/145 0r Pounds 1. 80/87 2. X 100 Low Lead 3. State VA 3. State VA 4. Specify Other Services, If Any, Prior To Departure None Wasther Information At The Accident Site Souce Of Weather Information Computer generated Time Of Departure 1. Time 3:00 p.m. 1. Airport ID 26b 1. Airport ID 26b 2. City/Place Meadville 2. City/Place Meadvill	3.							.				
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Flight tinerary Information Last Departure Point 1. Airport ID NOA 1. Time of Departure 1. Airport ID NOA 2. City/Place Roanoke 2. Time Zone EDST 3. State Point 2. Time Zone EDST 3. Time Zone EDST 3. Time Zone Zone Zone Zone Zone Zone Zone Zone Zone	5.							l				
Lest Departure Point 1. Airport ID ROA 2. City/Place Roanoke 3. State VA 2. Time Zone EDST 3. State VA 3. State VA 3. State VA 3. State VA 4. Interest Wester Reports Were Checked And How it Was Accomplished Weather Was Involved, State if Weather Briefing Was Obtained Or if Weather Reports Were Checked And How it Was Accomplished Weather was not a factor Fuel On Board At Last Takeoff	6.											
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2. City/Place Roanoke 3. State VA 4. State					Des	tination			Flight	Plan Filed		
Fuel On Board At Last Takeoff			1. Time <u>3.</u>	:00 p.m.	1. A	irport ID			1.ঐ ለ	lone	4. 🗀 VI	R/IFR
Fuel On Board At Last Takeoff	2. City/Place Roanoke		_ _	EDST	2. C	ity/Place	Mead	ville	2. 🗆 V		_	
Fuel On Board At Last Takeoff Fuel Type _94 Gallons 1.												
Fuel On Board At Last Takeoff 94 Gallons	If Weather Was Involved,	State If We	ather Briefi	ng Was Obtair	ned Or If	Weather	Report	s Were	Checked And	How It Wa	s Accomplis	shed
94 Gallons or 2. ≥ 100 Low Lead 5. ⇒ Jet A 3. ⇒ 100/130 6. ⇒ Automotive Other Services, If Any, Prior To Departure None Weather Information At The Accident Site Souce Of Weather Information (Pilot/Operator, Weather Observation) Computer generated 1. ⇒ 80/87 4. ⇒ 115/145 7. Specify → 2. ⇒ 100 Low Lead 5. ⇒ Jet A Automotive 1. ⇒ 80/87 4. ⇒ 115/145 7. Specify → 2. ⇒ 100 Low Lead 5. ⇒ Jet A Automotive 1. ⇒ 100/130 6. ⇒ Automotive Visibility Temp (°F) 1. ⇒ Dawn 3. ⇒ Dusk 5. ⇒ Dark Night 10 Miles 75 F	Weather was not	a fact	or									
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None Section To Visibility None
Signature Sign
Direction
Velocity KTS None
witbulence (Multiple entry)
Mone 2
Pegree Of Aircraft Damage
None 2. Minor 3. Substantial 4. Destroyed 1. Yes 3. In-Flight 4. On Ground
Aircraft damaged beyond repair. Damage to tree on golf course. Aechanical Malfunction Failure No
Total Time Lix Yes List The Name Of The Part, Manufacturer, Part No., Serial No. And Describe The Failure Throttle Cable Bolt missing Collision Accident F Collison Accident Occurred, Complete The Information For Other Aircraft Registration mark n/a Aircraft Manufacturer n/a Aircraft Owner n/a Address n/a Address N/a Pilot Certificate No.
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n/a n/a
v/cuation Of Aircraft
Assistance Received
1. □X Outside Person(s) 3. □ Slide 5. □ Ladder
2. Auxiliary Lighting 4. Rope 6. Specify
Method Of Exit (State Approximate Number Of Persons Using Each Of The Following) 1. Main Door 2. Auxiliary Door 3. Emergency Exit Recommendation (How Could This Accident Have Seen Prevented)
Recommendation (How Could This Accident Have Been Provonted) Operator/Owner Safety Recommendation (Optional Entry)
Sperator/Owner Salety Recommendation (Optional Entry)

Private A. Airline Transport 6. Flight Engineer 8. Specify			FAA Certificate	∍No.	Address			Title
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Namethy History Of Flight

Describe What Occurred In Chronological Order, The Circumstances Leading To The Accident And The Nature Of The Accident. Describe The Terrain And Include A Sketch Of Wreckage Distribution If Pertinent. Attach Extra Sheets If More Space Is Needed. State Point Of Departure, Time Of Departure, Intended Destination And Services Obtained.

During climb out, the engine lost power. I immediately declared an emergency and advised departure I was returning to Roanoke. I was cleared for immediate landing. I attempted a restart after all other emergency procedures failed to produce power.

When I realized I would not make the Roanoke airport, I cautioned my passengers to fasten their safety belts and prepared for an emergency landing on a golf course adjacent to the airport. The fairways were extremely busy that day. I observed a number of golf carts and numerous golfers. Therefore, I decided to attempt to land in an area adjacent to the fairway, which appeared to be level.

About 70 feet above ground level and at about 60 KTS IAS, I lined up for an approach to land. I was low and slow and attempted to climb a few feet over a large tree. However, insufficient air speed and lift made that impossible. I banked 45 to the left in an attempt to miss the tree and still make a safe landing. Unfortunately, the right wing struck the tree causing the aircraft to spin and hit the ground.

I was knocked unconscious and was not aware of events until I woke up at the Roanoke Memorial Hospital Emergency Room.

			1100±050 TAN 12-1100 TAN 18-1100 TAN 18
I Hereby Certify That The Ab	ove Information is Complete And Accurate To	The/Best Of My Knowledge	
Date Of This Report	Signature Of Pilot/Operator	<u>/ </u>	
September 6, 199	4		
Signature Of Person Filing R	eport Other Than Pilot/Operator		
1. Signature			
2. Type Or Print Name			
3. Title			
	FU RTOD U	se Only	
NTSB Accident No.	Reviewed By NTSB Office Located At	Name Of Investigator	Date Report Received
BF094F4140	Washington, DC	Maryan: napolitan	9/12/94
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