								N SAFET					
	·····		T/OPERAT				-						4-
00000000000000000000000000000000000000			ised for rep	orting		II and pu	DI	c use airc	raπ ac	ciden	is and	Inclaen	ts
and the formation of the	IC INFORMA					Collection of the						age three second	
	ent/Incident Loca				0	WA	_	ate/Time	040		4.0	00	
Nearest	City/Place: Monro		A		State	e:	D	ate: 08/28/2 mm/dd/yy	2012			100	
Latitud	e: 47 52.28	ounuy: <u>ee</u> ddummuss N	(S) Longitude: 12	1 59 72	(dda	Immice FAW			,,	Tim	e Zone: Pa	cific	
	of Operation	aa.mm	(3) Longitude. <u>(4</u>		_ (uuc	1.tutu.33 Li W j		ollision with O	ther Aire	raft	Altitude o	f In-Flight	
	ding 🗌 Takeoff	(incl. initia	l climb) 🔲 Cruis	æ		Hover	C] Midair			Occurren	0	
Tax		<u>.</u>	Mane	euvering		Other Unknown		On-ground				50	ft MSL
		-		oacn		Unknown	2	1 None					II MSL
			<u>/N</u>				<u>9</u> 99						
1	facturer: <u>PIPER</u>					······		Max Gross W					
	: PA28-R200							Weight at Tin					
	Number:							Location of C					
Regist	ration Number: _	N49221	······································	Amateur	-built:	: 🗌 Yes 🗹 N	0	-or-				or 🔽 datu namic Cord	
Catego	ory of Aircraft	Type of	Airworthiness (Certificat	c	Number of	'Se	ats:		Landin	g Gear	🗹 Retrac	table
Ain Ain			ll that apply)									nal landing go	ear
🔲 Ball	oon 1p/Dirigible	Standar				If Large Airc	raft, how many seats for: configuration that appl						
Glic		Vility		testricted Flight Cr			rew	ew: 2 1			Tricycle 🗌 Tailwheel		
Gyr Heli		Acrob		rovisional Cabin C							Amphibian 🛄 High Skid		
Pow	ered lift			xperimental Passenge						Emergency Float 🔲 Skid Float 🗌 Ski			
			🗌 Li	ight Sport			Hull SI				ci/Wheel		
Type	of Maintenance P	l 'rogram		Last In	sneeti	ion Tyne			l	······			
🗌 Ann		- B		Last Inspection Type			ous	Date Last Inspection:					
	ditional (Amateur-buurfacturer's Inspection			AAIP Conditio			nal						
🗍 Othe	er Approved Inspect	ion Program		Annual Unknow			n				`ime: at <i>(check)</i>	4,3	b07_hrs
Con	tinuous Airworthine er, specify:	SS									•	ime of Accid	ent/Incident
	quipped			Stall Warning System Instal				ed		-	nguishing		
	No Unk	nown		Ves No Unknown					None None				
					Specify								
		LT Activ:		ELT M	T Manufacturer:								
				Model/8	Model/Series:								
	ided in Locating	Accident	Incident	Serial N	Serial Number:								
					Battery Type: Battery Exp. Date:								
Engine			Reciprocatin System Type		P	ropeller							
🗍 Turt	o Shaft 🛛 Tu	rbo Jet rbo Fan	Carburetor			Fixed Pitch		Manufac	turer:				
☐ Turbo Prop ☐ Unknown				:d		Controllable I	Pitcl	¹ Model: _					
			-						Engine Ra Power Me				
								Date	as (check	one)	Total	Time Since	Time Since
T 3	Densteine Maria		Engine			ufacturer's		of Mfg.		power or	Time	Inspection	Overhaul
Engine Eng. 1	Engine Manufact	urer	Model/Series		Seria	-51A		mm/dd/yyyy	lbs of	Thrust 200	(hours) 4,307	(hours)	(hours) 534
Eng. 2													
Eng. 3													
Eng. 4					,								

OWNER/OPERATOR INFORMATIC	N					
Registered Aircraft Owner	Owner Address					
Name: Morcom Aviation Services Inc.		City: Everett				
Fractional Ownership Aircraft: 🗌 Yes 🖌 No		State: WA ZIP: <u>98204</u> Country: USA				
Operator of Aircraft 🛛 📈 Same As Register	Operator Address Same As Registered Owner					
Name:	City: ZIP:					
Doing Business As:	State: ZIP: Country:					
Regulation Flight Conducted Under	Revenue Sightseeing Flight					
	Yes Z No					
Image: FAR 91 Image: FAR 91 Image: FAR 91 FAR 91 Special Sp	Air Medical Flight					
Purpose of Flight for FAR 91, 103, 133, 137 (Select one)	Revenue Operation for FAR 121, 125, 129, 135 (Select one)	Type of Commercial Operating Certificate Held (Check all that apply)				
 Personal Business Executive/Corporate Other Work Use Instructional Ferry Positioning Aerial Application 	□ Scheduled or Commuter □ Non-Scheduled or Air Taxi Domestic or International ☑ Domestic □ International	 None Flag Carrier Operating Certificate (121) Supplemental Air Cargo Foreign Air Carriers (129) Commuter Air Carrier (135) On-Demand Air Taxi (135) Large Helicopter (127) 				
Aerial Observation	Cargo Operation	Rotorcraft External Load (133)				
Air Drop Air Race / Show	Passenger/Cargo PassengerHow many?	- or -				
Flight Test	Cargo lbs					
Public Use Unknown	Mait	Other Operator of Large Aircraft				
OTHER AIRCRAFT - COLLISION	If air or ground collision occurred, complete i	this section for <i>other</i> aircraft)				
Aircraft Registration Number Manufacture						
-	•	Destroyed Minor				
Registered Owner of Other Aircraft						
First Name:	City:	ZIP:				
Middle Initial:	State:	ZIP:				
Last Name:	Country:					
Pilot of Other Aircraft						
First Name: Middle Initial:	City:	ZIP:				
Last Name:	Country:	L.11 ,				
MECHANICAL MALFUNCTION/FAI		nn senarate sheet)				
Was there Mechanical Malfunction/Failure?		Total Time/Cycles				
(If yes, list the name of the part, manufacturer, part no.,		On Part				
		Hours				
		Cycles				
		Time Since This Part Inspected/Overhauled				
		Hours				
DAMAGE TO AIRCRAFT AND OTH	ER PROPERTY					
Aircraft Damage Aircraft		Aircraft Explosion				
☐ None ⊠ Substantial ⊠ None □ Minor □ Destroyed □ In-Flig □ On-Gre		Mone Both Ground and In-Flight In-Flight Unknown Origin On-Ground Discrete				

Description of Damage to Aircraft and Other Property (use additional sheet if necessary) LEFT WING DAMAGE IN AND AROUND MAIN LANDING GEAR ATTACH AREA. WRINKLED TOP AND BOTTOM OF LEFT WING OUTBOARD OF GEAR ATTACH POINT APPROXIMATELY THREE FEET IN LENGTH. BROKEN WING RIBS, SHEARED RIVETS IN MULTIPLE AREAS.										
RIGHT WING UPPER SKIN INBOARD OF MAIN LANDING GEAR AREA SHOWS SIGNS OF STRESS AND SLIGHT BUCKLING. PAINT CHIPPED OFF RIVET. CRACK IN ONE WING RIB IN MAIN GEAR WELL AREA.										
AIRPORT INFORMATION (If the	accident/incident occu	urred on appr								
Airport Identifier: <u>W16</u> Airport Name: Firstair Field			Distance Fron	-		SM degrees MAG				
Proximity to Airport Off Airport/Airst		On Airstrin	Airport Eleva			50				
Approach Segment (Select one)			Anport Eleva							
On Instrument Approach 🛛 🛛 Landin			🗍 Fi	nal borted Landing (oftor toughdau	Go Around				
Crosswind Downy		/ Approach	VFR Approac			11)				
None PAR		Practice	None None	·	🗌 Sto	op and Go				
ADF/NDB Sidestep		GPS Loran	Traffic Pattern	1		uch and Go mulated Forced Landing				
VOR/TVOR Localizer Only	Visual Contact] Unknown	Ualley/Terrain	1 Following		rced Landing ecautionary Landing				
VOR/DME LOC-back course TACAN RNAV	Circling		Full Stop			iknown				
Runway Information				-	-	(Check all that apply)				
Runway ID: 07 (L/R/C) Length:	2,087 ft Width:	<u>34</u> ft	☑ Dry ☐ Holes		-Compacted -Crusted	☐ Water-Calm ☐ Water-Choppy				
Runway/Landing Surface (Check all that a			☐ Ice Covered ▼ Rough	Snow Snow		☐ Water-Glassy ☐ Wet				
Asphalt Grass/Turf Maca Concrete Gravel Meta	1/Wood 🗌 Unknown	L	Rubber Depos	sits 🔲 Soft						
Last Departure Point	Time of Departure	Destination	1		Type Flight	t Plan Filed				
Airport ID: KPAE	Time: 1200	Airport ID: 📐	<u>N16</u>		None	VFR/IFR				
City: Everett		City: Monro			Company					
State: Washington	Time Zone: PST		nington		VFR	Yes No				
Country: USA		Country: US	A		Activateu:					
Type of ATC Clearance/Service (Check and Dispectation of the second	(that apply)	al IFR	Πv	R Flight Follow	ing	Cruise				
VFR IFR				affic Advisory		Unknown / NA				
Airspace where the accident/incident occ				Jet Training	A.v.o.o	Special				
Class A Class E Class E Class G	🗍 Res	hibited Area tricted Area		TRSA T	Alca	Air Traffic Control Area				
Class C Demo Area		itary Operations port Advisory A	• •	🗌 FAR 93		Unknown				
Aircraft Load Description (Check all that		,								
None Towing Glider Passengers Towing Banne		chutists		Livestock						
Passengers Towing Banne Cargo Other External		er mical/Fertilizer	/Seeds							
FUEL & SERVICES INFORMAT	ION									
Fuel on Board at Last Takeoff (convert from pounds, as necessary)	Fuel Type	1 11 60 46			or specify					
30 Gallons	80/87 100 Low Lead 100/130	 115/145 Jet A Automotive 	☐ JP3 ☐ JP4 e ☐ JP5		er, specify					
Other Services, if Any, Prior to Departur					*					
	-									

EVACUATION OF AIR	RCRAFT									
Was an emergency evacuation	on of the aircra	t performe	d?	🗌 Yes 🛛 🛛] No					
Method of Exit – Describe ho Left the airplane in a normal ma	w the occupants	exited and	how m			locat	tion			
WEATHER INFORMA	TION AT TH		DENI	MINCIDENT	SITE					
Weather Observation Facility Facility ID: Observation Time: Time Zone: Distance from Accident Site: Direction from Accident Site:	-		(Cheo N Fi T A	rcc of Wcather :k all that apply) ational Weather S light Service Stati V/Radio utomated Report ommercial Weath	ervice Du	TS)	Company Military Internet Unknown	Method of Briefing (Check all that apply) In Person Teletype Z Telephone/Computer Aircraft Radio TV/Radio Unknown		
Briefing Type/Completeness Full Partial / Limited By Pilot Partial / Limited By Briefer	~~~~~	n	Ligh □ D ☑ D		Dusk Vight		Dark Night Bright Night Not Reported	Visibility 10_miles		
Sky/Lowest Cloud Condition Ceiling Clear Thin Broken None Few Thin Overcast Broke Partial Obscuration Unknown Overcast Scattered Ceiling Ceiling Lowest Cloud Condition Height Ceiling			(clear) Obscured en Indefinite cast Unknown				estriction to Visibility None Blowing Dust Blowing Sand Blowing Snow Blowing Spray Dust	 (Check all that apply) Fog Ground Fog Haze Ice Fog Smoke Unknown 		
5.000 Wind Direction)_ft AGL Wind Speed			Wind Gusts	I AOL	Tv	pe of Turbulence (C.	heck all that apply)		
Indicated: 70_degrees MAG	Velocity:	KTS	Velocity:KTS			Z	Image: Second			
🗋 Variable	☐ Calm ☑ Light and Va	riable	Gusting Not Gusting			Severity of Turbulence Extreme Moderate Severe Moderate Chop				
NOTAMs (D, L and FDC		Leing Fored		EPs in effect :		f the	Type of Precipitati	on (Check all that apply)		
Temperature:(C) or(F) Altimeter Setting:i or Density Altitude:	n. HG MB	Amou None Trace Light Icing Actua Amou		Moderate Severe	Type Rime Clear Mixed Type		Rain Snow Hail Rain Showers Freezing Rain	Drizzle Ce Pellets Snow Pellets Snow Grains Ice Crystals Ice Pellets Shower Freezing Drizzle		
Dew Point:(C) or(F)		Amou None Trace		Moderate Severe	Rime Clear Mixed		Intensity of Precipi			

PILOT "A" INFORMA	TION										
Pilot "A" Responsibilities at		ecident/Incid	lent								
🗹 Pilot 🔲 Co-Pilot	Student Pilot			Check Pilot	🔲 Fligh	nt Engineer	🗌 Other	Flight Crew			
Pilot "A" Identification					···						
First Name: Junichi				Ci	tv:						
Middle Initial:				Sta	ite:	2	ZIP:				
Last Name: Sato				Co	untry:						
Age at time of Accident/Incid	lent:	Date of Bi	irth: 		ertificate N	Number:			·····		
Degree of Injury	Seat Occup	oied		Sea	t Belt			Shoulder I	larness		
Minor Dratal	Left	Front Rear	🛄 Unkno [,]	wn Use			🗆 No	Used	🗹 Yes	🗌 No	
☐ Minor ☐ Unknown ☐ Serious	Right	Single		Ava	ilable	🛛 Yes 🛛	□ No	Available	🗹 Yes	🛄 No	
Pilot Certificate(s) (Check al.	l that apply)			I							
🗌 None 🔲 Stud	ent	Recre	eational	Commerce			Flight Engi		🗌 Foreign		
🗹 Private 🔲 Fligh	at Instructor	Sport Sport		Airline T	ransport		U.S. Militar	у	_		
	Medical Certific					tificate Va		Date of L	ast Medic:	al	
		Class 3	ense (Sport Pilot			nitations/wai tions/waiver		07/10	/2009		
] Unknown	Mae (open i nei		Unknown	cions/ warver	5	mm/da	///////////////////////////////////////		
Medical Certificate Limitati	ions		,	I				I			
MUST WEAR CORRECTIVE LENS											
Medical Certificate Waivers	ŝ										
Date of Last Flight Review		Elish	Dautan Ata								
or Equivalent, Including			t Review Airc	rait							
FAR 121/135 Checks:	08/29/2012		CESSNA								
	mm/dd/yyyy		l: <u>172</u>								
Airplane Rating(s) (Check all that apply)	Other Aireral (Check all that a			ent Rating(s l that apply)			r Rating(s)				
None	None	(pp(y)	None	і таї арріу)	Z None Instrument Airplane						
🗹 Single-Engine Land	🔲 Airship		🚺 Airpla			🗍 Airplan	e Single-Eng	ine 🗌	Instrument		
Single-Engine Sea	Free Balloon		Helico				e Multi-Engi		Helicopter		
Multiengine Sea	Gyroplane			eu Lini		Gyropla			Glider Sport		
	Helicopter								•		
Type Ratings			l			Student F	Indorseme	nts (Include a	lates)		
- J. I. v. Manuelo					*******	Student I		neo (morane (
						1				,	
Flight Time (enter appropriate	All	This Make	Airplane Single	Airplane		Inst	rument	-		Lighter	
number of hours in each box)	Aircraft	& Model	Engine	Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Than Air	
Total Time	269	90	200	25)	<u> </u>				
Pilot in Command (PIC)	269	88	200	25							
Time as Instructor	0	0	0	0	-		 			<u> </u>	
This Make/Model					0						
										1	
Last 90 Days	43	48	48	0							
Last 90 Days Last 30 Days Last 24 Hours	43 33 4	48 33 4	48 33 4	0	0)					

DILOT "P" INCODIA										
PILOT "B" INFORMA		aidant/Inaid	lamt							
Pilot "B" Responsibilities at	Ine Hime of Ac	Claent/Incla		Check Pilot	🔲 Flight	Engineer	🗌 Other I	Flight Crew		
Pilot "B" Identification		E3 - 1911 -	in a constant							
_				014						
First Name: Ryan Middle Initial: A				City Stat	/: :e:_WA	7	CIP: 98391			
Last Name: Kramer					intry: US			······		
Age at time of Accident/Incident: 25 Date of Birth: 1987 Certificate Number:										
	0		mm/dd/yy	·· ·	D-14		T	Shoulder H		
Degree of Injury	Seat Occupie	Front	Unknown		Belt	🖌 Yes [Used	V Yes	🗌 No
Minor Unknown	🗹 Right	Rear		Avai	lable [Available		
Serious	Center	Single								
Pilot Certificate(s) (Check all	that apply)			-					_	
□ None □ Stude □ Private ☑ Flight	nt Instructor	Recre		Commerci			Flight Engin U.S. Militar		Foreign	
	edical Certific					ificate Va		,	ast Medica	1
		Class 3		1.		tations/wai	-			
☑ Other	Class 1	Driver's Lice	anse (Sport Pilot	only)	/ith limitati	ons/waiver		02/16/20		
🗌 Unknown 🖌	Class 2] Unknown			nknown			mm/dd/y	יצצי	
Medical Certificate Limitatio	ons									
None										
Medical Certificate Waivers										
None										
Date of Last Flight Review	~~~~~~	Flight	t Review Airc	raft						
or Equivalent, Including				Tan						
FAR 121/135 Checks:	03/12/11		Cessna							
	mm/dd/yyyy						X			
Airplane Rating(s) (Check all that apply)	Other Aircraf (Check all that a			ent Rating(s) ' that apply)						
None None	None	FF'9)	None	mai appiyy	None Instrument Airplane					irplane
Single-Engine Land	Airship		🗹 Airplai				Single-Engi		Instrument H	elicopter
Single-Engine Sea	Glider		Helico		1 =	_ Airplane Gyroplar	Multi-Engin	=	Helicopter Glider	
Multiengine Land Multiengine Sea	Gyroplane					Powered			Sport	
	Helicopter Powered Lift									
Type Ratings	Land I OWOIGU LIII				s	tudent E	ndorsemen	ts (Include da	ites)	
- 0 IV									,	
			······	· · · · · ·		r		F		1
Flight Time (enter appropriate	All	This Make	Airplane Single	Airplane		Inst	rument	-		Lighter
number of hours in each box)	Aircraft	& Model	Engine	Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time	1,350	112	1,300	27	86			0	0	0
Pilot in Command (PIC)	1,270	112	1,280	27		3			0	0
Time as Instructor	1,060	9 2	1,060	0	60	0			0	0
This Make/Model	200		000	~	0			-	0	0
Last 90 Days	60	48 36	200	0	7	ļ	-		0	0
Last 30 Days	1 00	30	60	0	4	<u>ر</u>		·	0	l ,
Last 24 Hours	1	3	1	0	0	0	1 0	0	0	0

.

ADDITIONAL FLIGHT CR	EW MEMBERS	(Exclusive of cabin a	ittendants, complete the	e following i	nformat	ion)	
Pilot Name and Address						Degree of I	njury
First Name:		City:	ZIP:			□ None □ Minor	🔲 Fatal
Middle Initial: Last Name:		State:	ZIP:			Serious	
Pilot Certificate(s) (Check all tha						Seat Occup	ied
None Student	Recreational	Commercial	Flight Engineer	🔲 Forei	gn	Left	Front
Private 🔲 Flight Instructor		Airline Transport	U.S. Military	_	D	Right	Rear
Type Rating/Endorsement for Accident/Incident Aircraft?	🗌 Yes 🗌 No	Total Flight T of this Accider	'ime at the Time nt/Incident:	hrs			Unknown
Pilot Name and Address						Degree of I	njury
First Name: Middle Initial:		City: State:	ZIP:			🔲 Minor	Unknown
Last Name:		Country:	ZIF.			Serious	
Pilot Certificate(s) (Check all that						Seat Occup	
None Student Rejeate Rejeate	Recreational	Commercial	Flight Engineer U.S. Military	Forei	gn	Left	Front Rear
Private Flight Instructor Type Rating/Endorsement for	Sport Sport		ime at the Time			Center	Single
Accident/Incident Aircraft?	🗌 Yes 🗌 No	of this Accider	nt/Incident:	hrs			Unknown
Pilot Name and Address					0009-000-000	Degree of I	ninry
First Name:		City:				None 🗌	🔲 Fatal
Middle Initial:		State:	ZIP:			☐ Minor □ Serious	Unknown
Last Name:		Country:					
Pilot Certificate(s) (Check all that						Seat Occup	
None Student Private Flight Instructor	Recreational Sport	Commercial Airline Transport	Flight Engineer U.S. Military	Forei	gn	🔲 Right	Front Rear
Type Rating/Endorsement for		Total Flight T	ime at the Time			Center	Single
Accident/Incident Aircraft?	🗌 Yes 🗌 No		nt/Incident:	hrs			
		•					
PASSENGER(S)/OTHER	PERSONNEL	(include flight attenda	ints; continue on separ	ate sheet if r			
PASSENGER(S)//OTHER	PERSONNEL	(include flight attenda	ints; continue on separ	ate sheet if r			inty control
-	PERSONNEL	(include flight attenda	ints; continue on separ				atal atal ajury finor njury to Injury Jaknown
Name and Address	PERSONNEL			ate sheet if r j			Fatal Serious Serious Minor Minor Injury No Injury Unknown
Name and Address First Name:	PERSONNEL	City:			Crew Non-	Revenue Revenue Non- Occupant FAA	Fatal Fatal Serious Miury Minor fajury Vo tajury Unkuown
Name and Address		City: State:			Crew Non-	Revenue Revenue Non- Occupant FAA	
Name and Address First Name: Middle Initial: Last Name:		City: State: Country:	ZJP:			Revenue Revenue Non- FAA	
Name and Address First Name: Middle Initial: Last Name: First Name: Middle Initial:		City:	ZIP:			Revenue Revenue Non- FAA	
Name and Address First Name: Middle Initial: Last Name: First Name:		City: State: Country: City:	ZIP:			Revenue Revenue Non- FAA	
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: First Name: First Name:		City:	ZIP:			Revenue	
Name and Address First Name: Middle Initial: First Name: Middle Initial: Last Name: First Name: Middle Initial:		City:	ZJP: ZIP:			Revenue	
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: Last Name: Last Name: Last Name:		City: State: Country: City: State: Country: City: State: Country: City: State: Country: Country: City: Country:	ZIP: ZIP: ZIP:			Revenue	
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name:		City: State: Country: City: State: Country: City: State: Country: City: State: Country: Country: City: Country:	ZIP: ZIP: ZIP:		Veren 1997		
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: First Name: First Name: First Name: First Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: Middle Initial: Last Name:		City: State: Country: City: State: Country: City: State: Country: City: State: City: State: City: State: City: State: City:	ZIP: ZIP: ZIP: ZIP:		Veren 1997		
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name:		City: State: Country: State: Country: City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: First Name: First Name: First Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: Middle Initial: Last Name: Middle Initial: Last Name:		City: State: Country: City: State: Country: City: State: City: State: City: State: Country: City: State: City: State: City:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Last Name: Last Name: Last Name: Middle Initial: Last Name:		City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name:		City: State: Country: State: Country: City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: Middle Initial:		City: State: Country: State: Country: City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Last Name: Last Name:		City: State: Country: State: Country: City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name:		City: State: Country: State: Country: City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: Middle Initial:		City: State: Country: State: Country: City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: Middle Initial: Last Name:		City: State: Country: State: Country: City: State: Country:	ZIP:				
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: First Name: Middle Initial: Last Name: Middle Initial:		City: State: Country: State: Country: City: State: Country:	ZIP:				

NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State time and point of departure, intended destination, and services obtained. During the afternoon of August 28, 2012, I Ryan Allan Kramer was flying with my Commercial applicant Junichi Sato. We were performing this flight due to the fact that Junichi had failed the Commercial Pilot Practical Test the previous day, and we needed to go up to accomplish the required training for a possible retest the following day.

We departed from runway 16L at Paine Field. On the upwind, with no runway remaining, Junichi retracted the landing gear in the Arrow, following normal operating procedures. While climbing out on the upwind and about to turn crosswind, I noticed that the yellow gear "in transit" light was still illuminated. This is odd, because within the time frame that Junichi initiated the gear up cycle, it should have already been up by that point (I would say a good 15-20 seconds had passed from gear selected UP, to light off and gear actually up). I asked Junichi about the gear not coming up at a normal rate and he did concur that the gear took reasonably longer to retract.

We then proceeded to go out to the practice area to do our air work, and then decided to land at Monroe (W16) to practice short-field accuracy landings. Junichi determined that the winds were out of the east, so we set up to land on runway 07. When coming up on the numbers, Junichi reduced the power to idle over the numbers and landed the airplane on the numbers like a normal short-field landing. I have been flying the Arrow a lot recently (about 50 hours in the past 90 days), and this landing was not out of the norm for some of the firm landings that I have seen from other renters I have flown with in that airplane.

On the upwind out of Monroe, the gear again was taking a long time to come up. After we realized that the gear indeed was not coming up, we decided to leave the gear down and locked and head back to Paine Field. I have had a few problems with the gear coming up in the past in this plane, so I had thought that this malfunction was due to problems with the squat switch like before. Neither of us had suspected any damage to the wing, and thus had not noticed the damage to the wing until we were inside at Regal Air debriefing and Ron had informed us of the damage he noticed while refueling N4922T.

Possible Cause(s) - It is possible that this damage is of cumulative nature. It is impossible to know of any damage caused by renters and multiple hard landings with resulting weakening structure. Then one last firm landing causes structure to finally fail.

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

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ADDITIONAL IN	FORMA	TION (Please type or print in ink)		
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The last flight N4922T had	before our fli	ight, was the previous night when Junichi had gone	solo to practice short-field landings and power-off 180 ac ok so long to come up on the first takeoff the following d	ccuracy landings. He later stated ay when departing KPAE.
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