Enter Aircraft Name:	Volkspl	ane	Gea	ar * First Flights∶		esignation of So	ome Purch	ased Airpl		6/19/10 First Flights	ہ s<=40 Hours	Added Pilot	-	•	7/4/2010 Flag - 7/18		10/2/10		
Total Volksplane accidents	10			2		otal Accidents	2111			103	315		03c new	i urchase	riag 7710				
Fatal Accid		20.0%		25.0%		atal Accidents	535	25.3%		6.5%	19.8%								
Average Pilot H	ours 1030	In Type	50	8	Avera	ge Pilot Hours	3190	In Type	159	1591									
Median Pilot H		In Type			Medi	an Pilot Hours		In Type	58										
Median F		In Type	20			Median Fatal		In Type	51										
Average Aircraft Hours/		0--- 0/		.	•	aft Hours/year	54.7		1000										
Less Time in T		37.5%	8	Threshold		ess Time in Ty		56.51%	1382										
First Flight Purcha Median Time in Type if Purcha		37.50%		Threshold		ght Purchased tal Purchased	51 883	2.42% 45.7%	1933										
Max Time in 1						nai Fuichaseu	003	45.7 /0	1955										
Total Purcha	•••	60.0%	10																
											<u>I</u>	Phase of Fli	ight (perce	ent of case	es where ph	<u>nase is gi</u>	<u>ven)</u>		
Ea	ch Accident I	s 10.00%	of the To	tal									Volkspla	Volkspla	l				
					Ba	aseline Homeb	uilt						ne	ne fatal	All	All Fata			
	<u>Primary O</u>		<u>Both</u>			Primary Only		Both				Approach		0.0%	9.2%	11.8%			
Pilot Miscontrol	4	40.0%	5	50.0%		827	39.2%	841	39.8%			Climb		100.0%	2.9%	4.1%			
Builder Error	1	10.0%	1	10.0%		116	5.5%	148	7.0%			Cruise		0.0%	12.1%	10.0%			
Maintenance Error	1	10.0%	1	10.0%		90 105	4.3%	134	6.3%	F :	orgono	Descent		0.0%	3.5%	7.0%			
Undetermined Loss of Power Engine Mechanical	2	20.0% 10.0%	2 3	20.0% 30.0%		195 152	9.2% 7.2%	196 378	9.3% 17.9%	Em	ergency desc			0.0% 0.0%	2.7% 4.2%	1.6% 2.7%			
Engine Mechanical Engine Controller/Electronic Ign		0.0%	3 0	30.0% 0.0%		152	7.2% 0.6%	378 12	0.6%		-	ncy landing ound (VFR)	0.0% 0.0%	0.0% 0.0%	4.2% 1.3%	2.7% 0.9%			
Fuel System		0.0%	0	0.0%		77	0.0% 3.6%	12	0.8% 6.1%		Gu-all	Hover	0.0%	0.0%	0.7%	0.9%			
Other Mechanical	0	0.0%	0	0.0%		135	6.4%	201	9.5%			Landing		0.0%	24.3%	6.6%			
Fuel Exhaustion	1	10.0%	1	10.0%		81	3.8%	85	4.0%	La	anding - flare/		0.0%	0.0%	4.3%	0.2%			
Fuel Starvation	0	0.0%	0	0.0%		20	0.9%	21	1.0%		•	nding - roll	0.0%	0.0%	6.4%	1.4%			
Carb Ice	0	0.0%	0	0.0%		31	1.5%	37	1.8%			aneuvering		0.0%	12.6%	31.1%			
VFR to IFR	0	0.0%	0	0.0%		24	1.1%	24	1.1%	Mane	euvering - turn	-	0.0%	0.0%	0.3%	0.5%			
Manuevering at low alt	0	0.0%	0	0.0%		100	4.7%	110	5.2%		-	Other	0.0%	0.0%	0.1%	0.0%			
Inadequate Preflight	0	0.0%	0	0.0%		40	1.9%	60	2.8%			Standing		0.0%	0.2%	0.0%			
Fuel Contamination	0	0.0%	0	0.0%		21	1.0%	29	1.4%			Takeoff	66.7%	0.0%	22.2%	16.6%			
Midair Collision	0	0.0%	0	0.0%		32	1.5%	32	1.5%		Takeo	off - roll/run	0.0%	0.0%	1.2%	0.2%			
Loss of Control (Unknown)	0	0.0%	0	0.0%		37	1.8%	43	2.0%			Taxi	0.0%	0.0%	1.6%	0.5%			
Undetermined	0	0.0%	0	0.0%		17	0.8%	17	0.8%			Unknown	0.0%	0.0%	2.2%	7.3%			
Other	0	0.0%	3	30.0%		104	4.9%	556	26.3%					Duvoor					
	10	100.0%				2111	100.0%						Year	By year √olksplan					
Power Loss (Roll	-un)	40.0%		60.0%			27.0%						1998	1	226				
Power Loss Percen	• /		Includes	Secondaries			32.4%						1999	2	218				
Compare Primary		,,,					0,0	Percenta	ge of ALL	accidents	3		2000	2	221				
	Volksplar	ne Overall			(Percent of time Su	bevent was inv	olved in N		0				2001	0	211				
Other Mechanical	0.0%	6.4%		N	iscontrol Subevents	Volksplane	Baseline		Volksplan	e Baseline	•		2002	1	218				
Undetermined Loss of Power	20.0%	9.2%			Winds	25.0%	21.5%		10.0%	8.4%			2003	2	199				
Fuel System	0.0%	3.6%		Failure	to maintain airspeed		16.7%		10.0%	6.5%			2004	1	187				
Engine Mechanical	10.0%	7.2%			Other loss of control	0.0%	4.1%		0.0%	1.6%			2005	0	208				
Builder/Manufacturer Error	10.0%	5.5%		_	_		_						2006	1	202				
Maintenance Error	10.0%	4.3%		<u>Engir</u>	ne Types in Accident	•	Baseline						2007	0	221			.	
Inadequate Preflight	0.0%	1.9%		Λ. **	Traditional		50.3%		Llaura		contone Dec	D:-	Monterr	0		D:		Time in Ty	-
Carb Ice Manuevering at low alt	0.0% 0.0%	1.5% 4.7%		Aft	ermarket Traditional		1.2% 0.8%	10	Hours <=10	Volksplan 2	esplane Per	Bin 2	olksplane 25.0%	: Overall 179	erall Perc 11.3%	Bin 179	Overall Bir 11.3%	voikspian	e splane Po
Manuevering at low alt VFR to IFR	0.0%	4.7% 1.1%			Foreign Non-Cert 4 Stroke		0.8% 12.3%	10 20	<=10 <=20	2	25.0% 25.0%	2	25.0% 0.0%	231	11.3% 14.5%	52	3.3%	/ 7	70.0% 70.0%
Fuel Exhaustion/Starvation	10.0%				Auto Conversion		12.3%	20 30	<=20 <=30	2	25.0% 25.0%	0	0.0%	231	14.5%	52 43	3.3% 2.7%	7	70.0%
Pilot Miscontrol	40.0%				Two Stroke		14.7%	40	<=30 <=40	2	23.0 <i>%</i> 37.5%	1	12.5%	311	19.5%	43 37	2.7%	8	80.0%
	10.070	00.270			Turbine		1.9%	50	<= 1 0	3	37.5%	0	0.0%	381	23.9%	70	4.4%	8	80.0%
Total Pilot Error	50.0%	53.2%			Other	0.0%	4.5%	60	<=60	3	37.5%	0	0.0%	450	28.3%	69	4.3%	8	80.0%
Total All Error	70.0%	63.0%	Accio	lents referenci	ing Airspeed Control		17.5%	70	<=70	3	37.5%	0	0.0%	496	31.2%	46	2.9%	8	80.0%
Mechanical	50.0%				-			80	<=80	3	37.5%	0	0.0%	532	33.4%	36	2.3%	8	80.0%
								90	<=90	4	50.0%	1	12.5%	571	35.9%	39	2.5%	8	80.0%
		e Overall						100	<=100	6	75.0%	2	25.0%	611	38.4%	40	2.5%	9	90.0%
Other Mechanical	0.0%							200	<=200	6	75.0%	0	0.0%	892	56.1%	281	17.7%	9	90.0%
Undetermined Loss of Power	20.0%							300	<=300	7	87.5%	1	12.5%	1073	67.4%	181	11.4%	9	90.0%
Fuel System	0.0%							400	<=400	7	87.5%	0	0.0%	1198	75.3%	125	7.9%	10	100.0%
Engine Mechanical	10.0%							500	<=500	/ 	87.5%	0	0.0%	1268	79.7%	70 71	4.4%	10	100.0%
Builder/Manufacturer Error Maintenance Error	10.0% 10.0%							600 700	<=600 <=700	/ 0	87.5% 100.0%	0 1	0.0% 12.5%	1339 1411	84.2% 88.7%	71 72	4.5% 4.5%	10 10	100.0% 100.0%
								700 800	<=700 <=800	0 Q	100.0%	0	12.5% 0.0%	1411	88.7% 91.5%	72 44	4.5% 2.8%	10	100.0%
	60 00							000	~-000	0	100.0 /0	0	0.0 /0	1400	31.0/0	44	2.0/0	10	100.0%
Pilot Error	50.0%	0 00.270			Volkenland	Overall				R		Ω	0.0%	1482		27		10	100 0%
	50.0%	0 00.270		# with 4	Volksplane AF Hours 8			900 1000	<=900 <=1000	8 8	100.0% 100.0%	0 0	0.0% 0.0%	1482 1506	93.1% 94.7%	27 24	1.7% 1.5%	10 10	100.0% 100.0%