

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: LAX95LA152		Aircraft Registration Number: N111LS	
		Occurrence Date: 04/01/1995		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place LONG BEACH		State CA	Zip Code 90807	Local Time 1450	Time Zone PST
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer American Champion (ACAC)		Model/Series 8KCAB		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On April 1, 1995, at 1450 Pacific standard time, an American Champion 8KCAB, N111LS, sustained substantial damage while making a wheel landing at Long Beach, California. The aircraft was operated by Hart Air Squadron Jg 54 and was on a local flight. Visual meteorological conditions were prevalent at the time and no flight plan had been filed. Neither the certificated private pilot nor his passenger were injured. The flight originated from the Long Beach airport at 1400 on the day of the accident.</p> <p>The pilot reported that he had been cleared to land on runway 25R and was prepared to execute a wheel landing. After initially touching down at 85 mph, he felt the aircraft bounce slightly then drift right of the runway centerline. He recovered from the bounce and realigned the aircraft with the runway. When he again touched down, he lowered his left wing slightly to compensate for the left crosswind.</p> <p>During rollout, the pilot noticed that the aircraft began to list excessively toward its left side. He attempted to correct the condition by applying right aileron, but lost control effectiveness as the aircraft slowed. The aircraft continued to list until the left wing contacted the runway. As the left gear collapsed, the aircraft veered right, coming to a stop near midfield and off the right side of the runway.</p> <p>The postaccident inspection of the aircraft revealed that the left main landing gear attachment bracket of the aircraft had separated in the area of the weld. The separated weld section was sent to the National Transportation Safety Board Materials Laboratory Division for inspection. A stereo microscope examination of the fractures revealed a lack of weld fusion. The aircraft was manufactured in January of 1995 and had accrued 71 total hours of operation.</p>					
FACTUAL REPORT - AVIATION					

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Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
DAUGHERTY FIELD	LGB	57 Ft. MSL	25R	6192	150
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: Full Stop; Traffic Pattern					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
American Champion (ACAC)		8KCAB		740-95	
Airworthiness Certificate(s): Acrobatic					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt.	1800 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Reciprocating	LYCOMING	AEIO-360 HIA	180 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Annual	01/1995	71 Hours	71 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? Yes	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
LARRY W. SHRIVER		9920 ERMA ROAD APT 79			
		City	State	Zip Code	
		SAN DIEGO	CA	92131	
Operator of Aircraft		Street Address			
DON HART		2830 WARDLOW			
		City	State	Zip Code	
		LONG BEACH	CA	90807	
Operator Does Business As: HART AIR			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					

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First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 30
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Sex: M	Seat Occupied: Front	Principal Profession: Business	Certificate Number: On File
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Certificate(s): Private

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): None

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft? No	Current Biennial Flight Review?
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Medical Cert.: Class 3	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 01/1995
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	133	11	133		5	3	3			
Pilot In Command(PIC)	87	1	87		1					
Instructor										
Last 90 Days	26	11	26			1				
Last 30 Days	11	10	11							
Last 24 Hours	2	2	2							

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? No
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Flight Plan/Itinerary

Type of Flight Plan Filed: None

Departure Point Same as Accident/Incident Location	State	Airport Identifier LGB	Departure Time 1400	Time Zone PST
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Destination Local Flight	State	Airport Identifier	
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Type of Clearance: VFR

Type of Airspace: Class D

Weather Information

Source of Briefing:
No record of briefing

Method of Briefing:

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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
LGB	1550	PST	57 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Clear			0 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None		0 Ft. AGL		Visibility: 15 SM	Altimeter: 29.00 "Hg
Temperature: 21 °C	Dew Point: 11 °C	Wind Direction: 200		Density Altitude: Ft.	
Wind Speed: 8	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information		
Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None

Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers				1	1
- TOTAL ABOARD -				2	2
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	2	2

National Transportation Safety Board

FACTUAL REPORT

AVIATION



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Occurrence Date: 04/01/1995

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

ROBERT R. CRISPIN

Additional Persons Participating in This Accident/Incident Investigation:

JOHN GOLDFLUSS
FAA FSDO
LONG BEACH, CA

SOL DAVIS
FAA LAACO
LAKEWOOD, CA 90712