

Exhibitor No:

FOR IN FLIGHT: **OR STATIC:** **DISPLAY**

Show No 72

Attention: Requested information will be used by the official Airshow speakers

As well as providing information for the press office, this document will be used as a basis for the official commentaries. Exhibitors should therefore indicate the technical data and commercial information requested, as well as any other information they would like to transmit to the public during the flight program.

MANUFACTURER:	ZENAIR		
AIRCRAFT TYPE AND NAME:	CH 701 STOL		
CATEGORY:	Ultralight		
COUNTRY:	CANADA		
FIRST FLIGHT:	DISPLAY CREW:		
Date:	Location:	Christophe Bricard (La Ferté Gaucher)	
Crew:	Chris Heintz		
ENGINE(S):			
Number:	1	Type:	912
Manufacturer:	Rotax		
Take off rating (Dry):	80 shp	With reheat:	
Propeller(s):	3 blades		
TECHNICAL DATA:		COMMERCIAL INFORMATION:	
Empty weight:	580 lb	Prototypes (or pre-prod):	
Max take off weight:	992 lb	Firm orders:	750
Max cruise speed:	73 kts	Options:	
Max operating speed:	95 kts	Deliveries:	750
Stall speed:	26 kts	Production rate:	
Max endurance:	07:00	Number of clients:	
Max range:	594 NM	Contact during the show:	
ACCOMODATION:		WEAPONS	
Accomodation:			
two seats side by side			
Max payload:			
MISCELLANEOUS:			
<p>First introduced in 1986, the STOL CH 701 aircraft was developed as an "off-airport" short take-off and landing kit aircraft to fulfill the demanding requirements of both sport pilots and first-time builders. With the STOL CH 701, designer Chris Heintz combined the features and advantages of a "real" airplane with the short-field capabilities of an "ultralight" aircraft. The aircraft features fixed leading-edge slats for high lift, full-span flaperons (As on the Mirage III : both ailerons and flaps), an all-flying rudder, and durable all-metal construction.</p> <p>The STOL CH701 design meets the definition of a Light Sport Aircraft (LSA) for operation under the FAA's Sport Pilot / Light Sport Aircraft (LSA) category.</p> <p>While the basic design has remained the same, many significant improvements have been introduced over the years, including a higher useful load, easier and quicker build kits, and more detailed drawings and step-by-step assembly instructions. Short-field performance is where the STOL CH 701 aircraft truly excels : It is airborne in less than 120 feet of unprepared grass, or 90 feet of hard surface, at gross weight. Rotation is possible by the time full throttle setting is applied, and lift-off can begin at 25 mph (in ground effect, with no wind) - all within less than four seconds from stand still. The STOL CH 701 was not designed to be just another 'pretty' light aircraft, but was engineered to offer outstanding short take-off and landing performance, all-metal durability, and unparalleled ease of construction. With form following function, the STOL CH 701 looks like a 'Sky Jeep', as it is often called by its owners. No less than 750 STOL CH 701's are flying today worldwide.</p>			

