



CIVIL AVIATION
SAFETY AUTHORITY
AUSTRALIA

NOTIFICATION OF AIRCRAFT TYPE ELIGIBLE FOR OPERATION
UNDER THE PROVISIONS OF CIVIL AVIATION ORDERS SECTION 95.32
NUMBER AD32-8 ISSUE 2

AIRCRAFT MANUFACTURER: AIRBORNE WINDSPORTS PTY. LTD.
UNIT 22/30 KALAROO ROAD
REDHEAD NSW 2290

AIRCRAFT TYPE: EDGE X 503 BASE FITTED WITH STREAK WING

SPECIFICATION: SEE DATA SHEET DS32-8 issue 2 DATED 7/8/2002 OR
LATER ISSUE

THE AIRCRAFT TYPE DEFINED BY:
AIRBORNE WINDSPORTS EDGE DRAWING LIST, ISSUE 4.1 (Report 97/32/DS), AND
DRAWING LIST ISSUE 4.0, (Report 97/24/DS), PLUS
DRAWING LIST STREAK WING ISSUE 2 (Report 98/32/DS), IS ELIGIBLE FOR OPERATION UNDER
THE PROVISIONS OF CIVIL AVIATION ORDERS SECTION 95.32 ISSUE 1 IN ACCORDANCE WITH
PARAGRAPH 1.1(f)(ii) AND AIRBORNE WINDSPORTS AIRWORTHINESS CONDITIONS AS
APPROVED 30 MARCH 1990.

SIGNED:


I. KEARSLEY for and on behalf of CASA

DATE: 7/8/2002

CIVIL AVIATION AUTHORITY AUSTRALIA
 CIVIL AVIATION ORDER SECTION 95.32 AIRCRAFT DATA SHEET
 NUMBER DS 32-8 ISSUE 2

AIRCRAFT MANUFACTURER:	AIRBORNE WINDSPORTS PTY. LTD. UNIT 22/30 KALAROO ROAD REDHEAD NSW 2290
AIRCRAFT TYPE:	EDGE X 503 BASE FITTED WITH STREAK WING
ENGINE:	ROTAX 503
ENGINE LIMITS:	6800 R.P.M. MAXIMUM (49.6 HP @ 6500 RPM)
GEAR BOX TYPES & PROPELLER COMBINATIONS	ROTAX TYPE C (REDUCTION 3:1) OR ROTAX TYPE E (REDUCTION 2.62:1) AIRBORNE (IVO) - 64 INS DIA 15 DEG.PITCH AT TIP ROTAX TYPE C (REDUCTION 4:1) OR ROTAX TYPE E (REDUCTION 3.47:1) BROLGA 4 BLADE - 68 INS DIA 17 DEG PITCH
FUEL GRADE:	SUPER GRADE MOTOR SPIRIT
FUEL MIXTURE:	50:1 - TWO-STROKE OIL
AIRSPEED LIMITS:	NEVER EXCEED 81 KIAS
No OF SEATS:	2
MAXIMUM WEIGHT:	401 KG
LOADING:	MINIMUM PILOT WEIGHT 65 KG - THE AIRCRAFT MUST BE FLOWN SOLO FROM THE FRONT SEAT. MAXIMUM OCCUPANT WEIGHT 180 KG - PILOT AND PASSENGER.
EMPTY TRIKE CG:	WHEN SUSPENDED FROM THE MAST HEAD BOLT THE TRIKE BASE IS INCLINED 5.7 DEGS. NOSE DOWN
MANOEUVRES:	PITCH ANGLES LESS THAN + 45 DEG. FROM THE HORIZONTAL MAXIMUM BANK ANGLE 60 DEGS. AEROBATICS, SPINS, NEGATIVE G MANEUVERS, WHIPSTALLS AND STALLED SPIRAL DESCENTS PROHIBITED.
MANUFACTURERS SERIAL NUMBERS:	TRIKE BASE - E 503X -265 AND UP WING - S-01 AND UP

NOTE: COMBINATIONS OF ACCEPTED SERIAL NUMBERS ARE PERMITTED.

ACCEPTANCE BASIS:	CIVIL AVIATION ORDER SECTION 95.32 ISSUE 1, PLUS AIRBORNE WINDSPORTS CAO 95.32 AIRWORTHINESS CONDITIONS DATED MARCH 1990
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SIGNED:  I. KEARSLEY FOR CASA - 7/8/2002

