



MAINTENANCE PROGRAM AND LOGBOOK

Rev	Mod N°	Object	Drawn by	Approved by	Approv. Date
01		SOSTITUZIONE VITI ZINCATE COMANDI VOLO E CASTELLO MOTORE	GRASSO P	LUGLI R	11 DIC 2020

model: P-200



This manual consists of an introduction page, a logbook page, and three operational sheets.
Print the three sheets and fill them in every part at every maintenance or service.
Attach the sheets to the end of this manual.

AIRCRAFT DATA

AIRCRAFT SERIAL NUMBER:	AIRCRAFT ID:	BUILT IN:/...../.....
ENGINE TYPE AND S/N:	ENGINE FIRST START-UP:/...../.....	ENGINE LIFE:h.....min
PROPELLER TYPE AND S/N:	PARACHUTE TIME LIMIT:/...../.....	AIRFRAME LIFE:h.....min

AIRCRAFT OWNER/USER

NAME:	EMAIL:	PHONE:
-------	--------	--------

MAINTENANCE PROGRAM AND LOGBOOK

Rev	Mod N°	Object	Drawn by	Approved by	Approv. Date
01		SOSTITUZIONE VITI ZINCATE COMANDI VOLO E CASTELLO MOTORE	GRASSO P	LUGLI R	11 DIC 2020

INTRODUCTION

Before servicing the aircraft, we recommend to carefully read this manual and also the flight manual (POH), the engine manual and propeller manual as well. The present document describes the time intervals and the modes for the correct maintaining procedures. If you scrupulously follow these instructions, your aircraft will last for a long time, giving optimal performances and absolute safety. Moreover, this document consists in a collection of operational sheets that have mainly been divided into functional groups, such as B (fuselage Body), C (flight Control), D (Documents and miscellaneous), E (Electrical and avionics), F (Fuel system), H (safety equipment), K (cockpit), L (Landing gear), M (engine parts), P (dashboard and instrument Panel), W (Wing and control surfaces). Each functional group has been enclosed into a maintenance matrix in which every functional part of the group is associated with the relative Operational Sheet and accurate maintenance operation during the all aircraft service history. This latter has been divided into systematic maintenance time intervals, organized as follow:

- 25h: thorough inspections, replacements only on condition;
- 100h, 200h, 300h, 400h, 500h: repetition of the 25h instructions with some more inspections;
- 600h, 700h, 800h, 900h, 1000h: repetition of respectively 100h, 200h, 300h, 400h, 500h instructions;
 - From 1100h to 2000h (with steps of 100h): repetition of the two preceding points.
 - 2000h aircraft Time Between Overhaul (TBO).

Anyway, a replacement (indicated with an R) or a Maintenance (indicated with a M) operation should be required with the respect of the product expected life. It is indicated in the maintenance matrix as shown in the following example.

ANYWAY, EVERY 50 HOURS A GENERAL INSPECTION IS MANDATORY: THE TERM "LIFE" MUST BE INTENDED AS EXPECTED LIFE

LANDING GEAR	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300
WHEEL SETTINGS				PL9002A0		⊗	⊗	⊗	⊗	⊗
BREAKING SYSTEM (BRAKE ON PEDALS)				PL9003A0		⊗	⊗	⊗	⊗	⊗
NOSE LANDING GEAR (GAS SUSPENSION)				PL9004A0		⊗	⊗	⊗	⊗	⊗
MAIN LANDING GEAR				PL9005A0		⊗	⊗	⊗	⊗	⊗
BREAKING SYSTEM (BREAK ON CONSOLLE)				PL9006A0		⊗	⊗	⊗	⊗	⊗
MAIN LANDING GEAR LEG				PL9007A0		⊗	⊗	⊗	⊗	⊗
NOSE LANDING GEAR WHEEL (REMOVAL)				PL9008A0						
MAIN LANDING GEAR WHEEL (REMOVAL)				PL9009A0						
WHEEL (MAINTENANCE)				PL9010A0		⊗	⊗	⊗	⊗	⊗
HUB BEARING				PL9011A0		⊗	⊗	⊗	⊗	⊗
TYRE TUBE (1)		5 Y		PL9012A0		⊗	⊗	⊗	R	⊗
BRAKE DISC AND PAD				PL9013A0		⊗	⊗	⊗	⊗	⊗
STEERING SYSTEM				PL9014A0		⊗	⊗	⊗	⊗	⊗
MAIN FRAME (REPLACEMENT)				PL9015A0						
BRAKE FLUID DRAIN				PL9016A0		⊗	⊗	⊗	⊗	⊗

(1) EVERY 200h OR 5 YEAR

In this sample, a Replacement (R) of TYRE TUBE is required at 200h, and the operation is described on PL9012A0 sheet
In any case, the TYRE TUBE must be replaced after 5 years life

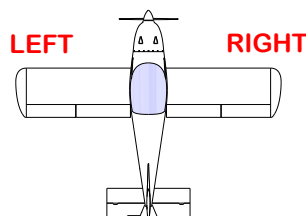
AUTHORIZATIONS

Only the following authorities: Pilot or Owner; RLSA-M (Repairman Light Sport Aircraft Maintenance) or higher

TOOLS

Most hardware on the aircraft is metric. A standard set of metric wrenches is required to work on this aircraft.
If special tools are required, these are indicated close to the figures and are available from Alpi Aviation
The necessary tools to work on the engine are listed in the maintenance manual provided by Rotax

The terms RIGHT and LEFT are referred to the aircraft's direction of flight



DOCUMENT REVISION OR UPDATES

Any update, shall be published on related Service Bulletins



PAGE 3/3

Rev	Mod N°	Object	Drawn by	Approved by	Approv. Date
01		SOSTITUZIONE VITI ZINcate COMANDI VOLO E CASTELLO MOTORE	GRASSO P	LUGLI R	11 DIC 2020

LOGBOOK

[illegible]

(*): DEFINE CONDITIONS: N= New, U= Used

MAINTENANCE PROGRAM AND LOGBOOK

Rev	Mod N°	Object	Drawn by	Approved by	Approv. Date
01		SOSTITUZIONE VITI ZINCATE COMANDI VOLO E CASTELLO MOTORE	GRASSO P	LUGLI R	11 DIC 2020

The operational sheets listed below aim to provide some preliminary information about the system involved and the basic tasks that you will perform before starting the ordinary checks, maintenance or replacement operations:

I: INSPECTION AS SPECIFIED ON RELATED SHEET
©: MUST BE IN WORKING CONDITION; CHECK AND REPLACE IF NECESSARY
M: PERFORM MAINTENANCE AS SPECIFIED ON RELATED SHEET
R: PERFORM REPLACEMENTS AS SPECIFIED ON RELATED SHEET
Y: Year, h: hours

LIFE TIME	INSP. TOLERANCE
25 h	± 5h
100 -500 h	± 5h
500 -1000h	± 10h
1 YEAR	± 2 week
7 Y OR 2000h	± 3 month

FUSELAGE BODY	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
FUSELAGE BODY AND WOOD FRAME						©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
ALIGNMENTS AND DIMENSION				PB9043A0		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
FUSELAGE PANEL AND FAIRINGS				PB9044A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
WHEEL FAIRING				PB9013A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
SPINNER				PB9014A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
ENGINE COWLING				PB9015A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
TAIL CONE				PB9016A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
CANOPY HANDLE				PB9045A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
WINDSCREEN AND CANOPY WINDOWS						©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
PAINT, LOGOS, DECAL AND PLACARD				PD9081A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©

FLIGHT CONTROL	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
RUDDER AND STEERING CONTROL				PC9022A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
AILERON CONTROL SYSTEM	BEARINGS	500 h		PC9023A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
FLAP CONTROL SYSTEM	BEARINGS	500 h		PC9024A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
ELEVATOR CONTROL SYSTEM	BEARINGS	500 h		PC9025A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
TRIM				PC9026A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
FLAP ACTUATION MOTOR		1000 h		PC9011A0		©	©	©	©	©	©	©	©	©	©	©	R	©	©	©	©	©	©	©	©	©	R
AILERON BELL CRANK		2000 h		PC9027A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	R
ELEVATOR BELL CRANK		2000 h		PC9028A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	R
CABLE (CONDITIONS AND TENSION)		2000 h		PC9029A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	R

DOCUMENT & MISCELLANEOUS	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
MANUALS AND DOCUMENTS ASPECT						©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
GROUND HANDLING AND PARKING				PD9039A0																							
CG DETERMINATION				PD9108A0																							
AIRCRAFT JACKING				PD9041A0																							
CORROSION PREVENTION				PD9042A0	1	©	©	©	©	©	©	M	©	©	©	©	M	©	©	©	©	M	©	©	©	©	M
BOLTS TORQUE				PD9043A0																							
AIRCRAFT LEVELING				PD9109A0																							

(1) EVERY 500h OR EVERY YEAR

ELECTRICAL & AVIONICS	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
ELECTRICAL SYSTEM				PE9010A0	1	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
BATTERY				PE9020A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
WING TIP LIGHT				PE9021A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
NOSE LANDING LIGHT				PE9022A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
INSTRUMENT LAMP				PE9023A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
PANEL BREAKER				PE9024A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
SWITCH				PE9025A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
30 A BREAKER (CARBURETORS ENGINE)				PE9026A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
50 A BREAKER (IS ENGINE)						©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
AVIONICS INSPECTION				PE9030A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©

(1) EVERY 100h OR EVERY YEAR

FUEL SYSTEM	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
FUEL SYSTEM				PF9013A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
ENGINE FILTERS (only Rotax IS series)	874060	100 h						R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
COARSE FILTERS (only Rotax IS series)		100 h						R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
GASCOLATOR FILTER		1000 h		PF9014A0	1	M	M	M	M	M	M	M	M	M	M	M	R	M	M	M	M	M	M	M	M	M	R
ELECTRIC PUMP (TEST)				PF9015A0	1	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
FUEL CURTISS (DRAIN) VALVE		500 h		PF9029A0		©	©	©	©	©	©	R	©	©	©	©	R	©	©	©	R	©	©	©	©	©	R
PIPING AND VENTS		2000 h		PF9017A0	2	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	R

(1) EVERY 100h OR EVERY YEAR, FILTER REPLACING EVERY 1000h (2) EVERY 2000h OR 5 YEARS

MAINTENANCE PROGRAM AND LOGBOOK

Rev	Mod N°	Object	Drawn by	Approved by	Approv. Date
01		SOSTITUZIONE VITI ZINCATE COMANDI VOLO E CASTELLO MOTORE	GRASSO P	LUGLI R	11 DIC 2020

The operational sheets listed below aim to provide some preliminary information about the system involved and the basic tasks that you will perform before starting the ordinary checks, maintenance or replacement operations:

I: INSPECTION AS SPECIFIED ON RELATED SHEET
©: MUST BE IN WORKING CONDITION; CHECK AND REPLACE IF NECESSARY
M: PERFORM MAINTENANCE AS SPECIFIED ON RELATED SHEET
R: PERFORM REPLACEMENTS AS SPECIFIED ON RELATED SHEET
Y: Year, h: hours

LIFE TIME	INSP. TOLERANCE
25 h	± 5h
100 -500 h	± 10h
500 -1000h	± 50h
1 YEAR	± 1 month
7 Y OR 2000h	± 3 month

SAFETY	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
PARACHUTE INSPECTION				PH9001A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
PARACHUTE SYSTEM REPLACEMENT		5 Year		PH9002A0																							
STALL WARNER				PH9005A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
ELT [Emergency Locator Transmitter]				PH9006A0	1			©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©

(1) REPLACE BATTERY EVERY 100h OR EVERY YEAR

COCKPIT AND INTERIORS	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
UPHOLSTERY AND SAFETY BELTS				PK9002A0	1	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
CABIN HEAT AND COOLING				PK9003A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
BAGGAGE COMPARTMENT				PK9004A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
PLACARD AND LABEL						©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©

(1) EVERY 100h OR EVERY YEAR

LANDING GEAR	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
WHEEL SETTINGS				PL9002A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
BREAKING SYSTEM (BRAKE ON PEDALS)				PL9003A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
BREAKING SYSTEM (BREAK ON CONSOLLE)				PL9006A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
NOSE LANDING GEAR (GAS SUSPENSION)				PL9004A0		©	©	©	©	©	©	M	©	©	©	©	M	©	©	©	©	M	©	©	©	©	M
MAIN LANDING GEAR				PL9005A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
MAIN LANDING GEAR LEG	PL4003	500 h		PL9007A0		©	©	©	©	©	©	R	©	©	©	©	R	©	©	©	©	R	©	©	©	©	R
NOSE LANDING GEAR WHEEL (REMOVAL)				PL9008A0																							
MAIN LANDING GEAR WHEEL (REMOVAL)				PL9009A0																							
WHEEL (MAINTENANCE)				PL9010A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©
HUB BEARING		400 h		PL9011A0		©	©	©	©	©	R	©	©	©	R	©	©	©	R	©	©	©	R	©	©	©	R
TYRE AND TUBE		3 Y		PL9012A0	1	©	©	©	R	©	R	©	R	©	R	©	R	©	R	©	R	©	R	©	R	©	R
BRAKE DISC AND PAD		1000 h		PL9013A0	2	©	©	©	©	©	©	R	©	©	©	©	R	©	©	©	©	R	©	©	©	©	R
STEERING SYSTEM		2000 h		PL9027A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	R
MAIN FRAME (REPLACEMENT)		500 h		PL9015A0		©	©	©	©	©	©	R	©	©	©	©	R	©	©	©	©	R	©	©	©	©	R
BRAKE FLUID DRAIN				PL9016A0		©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	©	M

(1) EVERY 200h OR 3 YEAR

(2) PAD REPLACEMENT EVERY 500h



SHEET 3/3

LIFE TIME	INSP. TOLERANCE
25 h	± 5h
100 -500 h	± 10h
500 -1000h	± 50h
1 YEAR	± 1 month
7 Y OR 2000h	± 3 month

I: INSPECTION AS SPECIFIED ON RELATED SHEET
 ©: MUST BE IN WORKING CONDITION; CHECK AND REPLACE IF NECESSARY
 M: PERFORM MAINTENANCE AS SPECIFIED ON RELATED SHEET
 R: PERFORM REPLACEMENTS AS SPECIFIED ON RELATED SHEET
 Y: Year, h: hours

(1) ONLY GALVANIZED SCREWS: REPLACE EVERY 500h OR 5 YEAR (2) REPLACE EVERY 500h OR 5 YEAR

WINGS AND CONTROL SURF.	CODE	LIFE	PRODUCT	OP.SHEET	Note	25	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
WING ASSEMBLY				PW9002A0		Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ
FLAP AND AILERON HINGE				PW9022A0		Ⓢ	Ⓢ	Ⓢ								Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R
HORIZONTAL PLANE (REMOVAL)				PW9023A0																							
ELEVATOR AND RUDDER HINGE				PW9024A0		Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R
ELEVATOR AND RUDDER HINGE BUSHING				PW9025A0		Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R
SCREW, NUT, ROD END AND PINS					1	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R	Ⓢ	Ⓢ	Ⓢ	Ⓢ	R

(1) ONLY GALVANIZED SCREWS: REPLACE EVERY 500h OR 5 YEAR

FUEL ON BOARD AT RECEPTION		APPROVED FOR RETURN TO SERVICE	OPERATOR	APPROVED BY	DELIVERY DATE
FUEL ON BOARD AT DELIVERY		YES NO			