SB No.: 094 Iss1	Related documents MC No: MC-314	Compliance Category:
Appli	CCAR No.: none	
Aircraft type & model: All those fitted with Rotax new- design cylinder head but having CHT gauge display	Aircraft serial Nos. affected: See list below	RECOMMENDED or MANDATORY
requiring a containment or rectification	orSport UK Ltd either against a proble on action, or as service information for rSport on 44(0)1588 650769, or email	aircraft modification incorporation.
Reason and overview of the Second	ervice Bulletin (cause of prob	<u>lem if known)</u>
jacket, so the instrument display allowed value 120degC and not 135degC.	Cylinder Head Temperature (C	HT) which had maximum valu
Until bespoke CT gauges are av convert existing CHT gauges to under this RSUK Service Bulletin	CT display and the placards ma	
RSUK records show that the follo (unless the engine has been rep – see below for verification of typ	laced or fitted with old-design c	
RSUK/MTOS/050 G-CICV RSUK/MTOS/051 G-CIDF RSUK/MTOS/053 G-CIEB RSUK/MTOS/054 G-CIEJ RSUK/MTOS/055 G-CIFT		
RSUKCALS/023 G-CICM RSUK/CALS/024 G-CIKG RSUK/CALS/025 G-CIPP RSUK/CALS/026 G-PCPC		
RSUK/CVLN/008 G-MRJC		
Note that as no MPD has been is classified as "Recommended". H "Mandatory" and must be observ	lowever, the related Rotax serv	ice bulletins are classified as
Approval The technical content of this doc	ument is approved under the a	uthority of the UK CAA Desig

Title: Rotax CHT_CT gauge placard				
SB No.: 094 Iss1	Related documents MC No: MC-314	Compliance Category:		
00 10 004 1331	CCAR No.: none			
	cability	RECOMMENDED or		
Aircraft type & model: All those fitted with Rotax new-	Aircraft serial Nos. affected:	MANDATORY		
design cylinder head but having	See list below			
CHT gauge display				
Manpower estimates				
Accomplishment of this Service E (i) A3-7 (or equivalent) Auth (No duplicate inspection requ	0	onnel		
· · · · ·	plete the task as a standalone iten	n are; 0.1hour		
Tooling required None				
Weight and Balance Effects				
None				
Manuals affected				
Cavalon Pro POH RSUK0334 Iss1 and AMM RSUK0335 Iss1 Cavalon POH RSUK0287 Iss1 and AMM RSUK0288 Iss3 Calidus POH RSUK0060 Iss 5.1 and AMM RSUK0061 Iss6 MTOsport POH RSUK0043 Iss 6 and AMM RSUK0044 Iss6 MT-03 POH RSUK0011 Iss 10 and AMM RSUK0012 Iss 8 (only if new engine/heads fitted in				
aftermarket)				
Previous Modifications that aff	ect the SB			
There are no previous RSUK mo	difications that affect this SB-094			
Accomplishment instructions (Action required to implement this bulletin):				
Effective date of SB is 18.05.15. There is no relevant MPD but other reference documents are noted below.				
1) Reference should be made to Auto-Gyro publication AG-MI-2015-02-C-EN and must be made to Rotax publications: Service Bulletin SB-912-066UL Service Bulletin SB-914-047UL Temporary Revision TR-IM 912-001 Temporary Revision TR-IM 914-001				
2) In addition, there is a Rotax requirement that the serial number plate of affected engines carries an -01 suffix and if this is not already present then it must be permanently applied. This requirement is defined in Rotax documents: Service Bulletin SB-912-068UL Service Bulletin SB-914-049UL				
However, due to the position of the	he serial number plate on the engir	ne this action requires that		

Title: Rotax CHT_CT gauge placard			
SB No.: 094 Iss1 Related documents MC No: MC-314 CCAR No.: none		Compliance Category:	
Applie	cability	RECOMMENDED or	
Aircraft type & model: All those fitted with Rotax new-	Aircraft serial Nos. affected:	MANDATORY	
design cylinder head but having CHT gauge display	See list below		

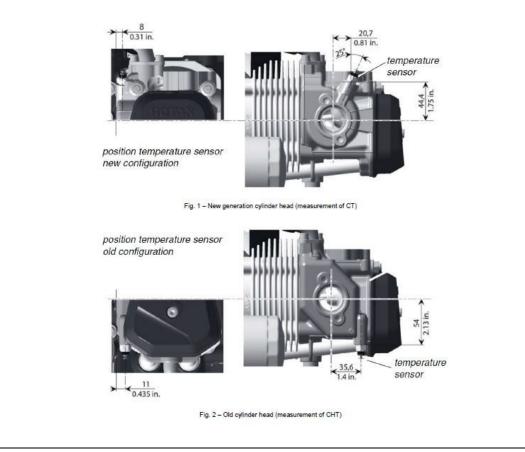
the engine be removed from the aircraft, and is considered an unacceptable burden. As part of Service Bulletin SB-094 or Mod MC-314 implementation the engine logbook is therefore amended to state 'The engine serial number is modified to have -01 appended as required by Rotax SB......The serial number plate has not been changed due to inaccessibility, and is to be changed at the next suitable opportunity'.

Embodiment of Placard

- 1. Verify that the engine fitted requires the gauge modification (see photos below)
- 2. Clean the glass of the CHT gauge using Ambersil LO30 solvent on a soft cloth
- 3. Using a scalpel blade lift the red line from the placard sheet. Affix the red line directly over the 120degC marker
- 4. Affix the 120degC icon over the pointer's pivot to the right of the gauge
- 5. Using finger pressure press down on the adhesive pieces to ensure no air-bubbles beneath.

Illustrations

Identification of engine type:



Title: Rotax CHT_CT gauge placard			
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Applic	cability	RECOMMENDED or	
Aircraft type & model: All those fitted with Rotax new- design cylinder head but having CHT gauge display	Aircraft serial Nos. affected: See list below	MANDATORY	

Unmodified and modified gauges:



Material information (Parts required to be made to implement this service bulletin):

No parts manufactured during embodiment

List of components (with purchasable part nos)

M.EL01.74, or C.EL01.45, or V.EL202.24 CT gauge placard kit RSD4655 Ambersil LO30 solvent cleaner

Interchangeability

Not applicable

Parts disposition

- a) Disposal requirements (whether discard or re-use) not applicable
- b) Environmental hazards of parts containing hazardous materials none.
- c) Scrap requirements (e.g. mutilate scrapped items beyond use) not applicable

Title: Rotax CHT_CT gauge placard					
SB No.: 094 Iss1	Related documents MC No: MC-314	Compliance Category:			
3D NO.: 034 1331	CCAR No.: none				
Apr	Applicability				
Aircraft type & model:	Aircraft serial Nos. affected:	RECOMMENDED or			
All those fitted with Rotax new-		MANDATORY			
design cylinder head but having	See list below				
CHT gauge display					
Documentation (Service Bull	etin Completion action)				
pages, and record the action in	CT gauge placard.incorporated' in to the pink pages entitled 'Aircraft Mo and Person together with their Autho	difications'. Both entries			
 pages, and record the action in must be signed by the Authoris b) Entries within the engine log by writing 'The engine serial number plate changed at the next suitable of time requirements'. Both entries Authorisation number. 	the pink pages entitled 'Aircraft Mo ed Person together with their Author books - Authorised Person to certify on the second second second second second boot been changed due to inact oportunity' and record the action in t s must be signed by the Authorised	difications'. Both entries risation number. If that the work is completed oded as required by Rotax cessibility, and is to be he pink pages entitled 'One Person together with their			
 pages, and record the action in must be signed by the Authoris b) Entries within the engine log by writing 'The engine serial number plate changed at the next suitable of time requirements'. Both entries Authorisation number. c) Completion of the SB works check item that no tools or equirements 	the pink pages entitled 'Aircraft Mo ed Person together with their Author books - Authorised Person to certify umber is modified to have -01 appen- te has not been changed due to inac- oportunity' and record the action in t s must be signed by the Authorised heet attached, This must contain a R ipment have been left within the airc	difications'. Both entries risation number. If that the work is completed oded as required by Rotax cessibility, and is to be he pink pages entitled 'One Person together with their			
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Document approval signatures				
Engineering Manager	CVE (as required)	Chief Test Pilot (if flight performance or safety effect)	Head of Airworthiness	

Service Bulletin implementation Worksheet					
Aircraft type:	Serial no:			G-	
Worksheet completed by:				Doc	ument ref:
Worksheet cross-checked by (if applicable):				SB-094 Iss1	
Purpose – record service bulletin implementation actions taken to inspect aircraft and return to service.					
Maintenance manual referred-to issue level/date:	and	Extract from list above			
Note:	attach S	B sheets to this docum	ent		
Task	Notes Eng'r check/da			Inspector check/date	
Verify placard fitment is required					
Affix red line at 120degC point					
Fit 120degC Icon					
Complete aircraft and engine logbook entries					

Customer acceptance:			
Name:	Aircraft hobbs meter reading:		
Signature/date:	Confirm logbooks annotated:		
	5		
Permit Maintenance Release: 'The work recorded above has been completed to my satisfaction and in that respect the aircraft is considered fit for flight. I confirm that no tools, equipment or debris have been left in the aircraft'			
Engineer signature and date:	Location where work completed		
CAA (or equivalent) Authorisation code :			