



सेना उड़नयोग्यता और प्रमाणीकरण केंद्र
Centre For Military Airworthiness and Certification
रक्षा अनुसंधान तथा विकास संगठन/ Defence R&D Organisation
भारत सरकार / Government of India
रक्षा मंत्रालय/ Ministry of Defence
मारत्तहल्ली कालोनी पोस्ट/ Marathahalli Colony P.O
बेंगलूरु – 560 037/ Bengaluru – 560 037

Type Approval No. ...

Name :Sample

Part No: Sample

This is to state that **Sample** bearing

Part No. Sample

, designed & developed by **M/s firm1** and manufactured by **M/s Sample**, is hereby Type Approved as per the build standard defined vide document No. **DBL/ACBS/6/FRAGS Mk-VI(PU) dt. 23rd Aug 19** and conforms to Technical Specification and Qualification Test Requirements approved by [RCMA **(A/C)**]. The basis for this Type Approval and the relevant Airworthiness Approval information are described in the 'Type Approval Data Sheet' at Appendix A.

This approval is valid for a period of five years from the date of issue/ renewal (from DD-MM-YYYY to DD-MM-YYYY) subject to terms, conditions and renewal cum amendment details mentioned overleaf.

दिनांक/Date : DD-MM-YYYY

सं./No.: सेमिलैक/CEMILAC/5070/टी.ए/TA-....

उत्कृष्ट वैज्ञानिक / Outstanding Scientist

मुख्य कार्यपालक (उड़नयोग्यता)/

Chief Executive (Airworthiness)

Terms and Conditions of Type Approval

1. *The Provisional Clearances accorded for this product are hereby superseded consequent to issuance of this Type Approval. The process adopted to manufacture this product is sealed henceforth. The Type Approval number quoted above must be reflected in all applicable documents.*
2. *This Type Approval is valid for five years from the date of issue/ renewal, unless otherwise cancelled or suspended or revoked. The vendor shall request the respective **RCMA** under intimation to CEMILAC, for subsequent renewal, **three (03) months** before the expiry of Type Approval, with all relevant documents including performance feedback.*
3. *Any changes to the type approved product shall be effected only with prior concurrence of CEMILAC, Bengaluru – 560 037. The Type Approval is not transferable to any other agency without prior approval from CEMILAC.*
4. *This approval is contingent upon strict adherence to the quality control aspects of bulk production as stipulated by **DGAQA**, Ministry of Defence, Government of India.*

<u>Record of Provisional Clearances issued by RCMA</u>		
Sl. No	Reference of Provisional Clearance issued/ renewed with date	Validity
1	PC : RCMA (A/C)/456/13/4 dt 15 th Jun 2010 for M/s Bengal Water Proof Limited, Kolkata (Enclosed at Annexure-4.13.1)	15 th June 2011
2	Clearance for Bulk Production : RCMA (A/C)/456/13/4 dt 7 th Sep 2012 (Enclosed at Annexure-4.13.2)	30 th Sep 2017
3	PC: RCMA (A/C)/456/13/4 dt 13 th July 2015 (Enclosed at Annexure-4.13.3)	13 th July 2016
4	Extension of PC : RCMA (A/C)/456/13/4 dt 21 st July 2016 (Enclosed at Annexure-4.13.4)	13 th July 2017
5	Extension of PC : RCMA (A/C)/456/13/4 dt 18 th Aug 2017 (Enclosed at Annexure-4.13.5)	13 th July 2018

<u>Record of Provisional Clearances for FR ANTI 'G' SUIT for HAWK issued by RCMA(A/C)</u>		
Sl. No.	Reference of Provisional Clearance issued/ renewed with date	Validity
1. 1	PC : RCMA (A/C)/4504 dt 18 th Aug 2015 (Enclosed at Annexure-4.13.6)	18 th Aug 2016

1.	22	Extension of PC :RCMA (A/C)/4504 dt 17 th Aug 2016 (Enclosed at Annexure-4.13.7)	18 th Aug 2017
1.	3	Extension of PC :RCMA (A/C)/4504 dt 18 th Aug 2017 (Enclosed at Annexure-4.13.8)	18 th Aug 2018

<u>Record of Amendments issued by CEMILAC</u>		
Sl No	Amendment details	Basis and References
1	<p>Amendment to PC of FR AGS:Under Subject</p> <p>FOR:</p> <p>‘Provisional clearance for FR Anti-G Suit Mk-VI Part No. FR-AGS-Mk-VI-01-00-00 for use on Mirage,Jaguar,Bison & MiG-29 aircraft’</p> <p>READ:</p> <p>‘Provisional clearance for FR Anti-‘G’ Suit Mk-VI Part No. FR-AGS-Mk-VI-01-00-00 for use on Mirage,Jaguar & all MiG series Aircraft’</p> <p>In Para 3</p> <p>FOR:</p> <p>‘The Anti ‘G’ Suit is hereby accorded provisional clearance for evaluation on Mirage, Jaguar, Bison & MiG-29 Aircraft’</p> <p>READ:</p> <p>‘The Anti ‘G’ Suit is hereby accorded provisional clearance for use on Mirage, Jaguar & all MiG series Aircraft’</p>	<p>Letter No. RCMA (A/C)/456/13/4 dt. 05th July 2010 (Enclosed at Annexure-4.13.9)</p>
2	<p>Amendment to specification : FR ANTI G-SUIT</p> <p>(a) Strap and Buckle type tightening mechanism (similar to Anti G-Suit of Mirage-2000 ac) instead of the string/cord type tightening mechanism.</p> <p>(b) PU heat sealed bladder instead of Neoprene coated Nylon bladder.</p>	<p>Letter No. Air HQ/94690/3/FC/QAS(A)</p> <p>13th Nov 2013 (Enclosed at Annexure-4.13.10)</p>

	<p>(c) Furthermore, the position of the additional tightening zipper located on the rear thigh part has been shifted towards the outer side of the thigh (Closer to the thigh/ map pocket) to make it more convenient to operate.(This modification was carried out after suggestions by aircew during trials at one of the bases on 27th Sep 2013</p>	
3	<p>Correction of Part No.: Amendment to extension of PC dt. Sep 2016</p> <p>FOR:</p> <p>Part No HWAGS-01-00 to HWAGS-05-00,Issue 'B' for MiG series</p> <p>Part No.HWAGS-01-00 to HWAGS-05-00,Issue 'B' for Jaguar</p> <p>Part No HWAGS-01-00 to HWAGS-05-00,Issue 'B' for Mirage-2000</p> <p>Part No HWAGS-01-00 to HWAGS-05-00,Issue 'B' for SU-30</p> <p>READ:</p> <p>Part No.FR-AGS-Mk-VI (PU)-MiG -01-00 to 05-00 (Issue 'B')for MiG series</p> <p>Part No.FR-AGS-Mk-VI (PU)-JAG -01-00 to 05-00 (Issue 'B')for Jaguar</p> <p>Part No.FR-AGS-Mk-VI (PU)-MIR -01-00 to 05-00 (Issue 'B')for Mirage-2000</p> <p>Part No.FR-AGS-Mk-VI (PU)-SU -01-00 to 05-00 (Issue 'B')for SU-30</p>	<p>Letter No. RCMA (A/C)/456/13/4 dt. Sep 2016 (Enclosed at Annexure-4.13.11)</p>
4	<p>Amendment to PC of FR AGS : Under Subject</p> <p>(a) Specification Number:</p> <p>For – MiG series, Jaguar, Mirage-2000 and SU-30</p> <p>FOR:Specification No. DEBEL /64/ Rev 3, dated July 2015</p> <p>READ:Specification No. DEBEL/64/ Rev 4,dated May 2017</p> <p>(b) Part Number:</p> <p>FOR :FR-AGS-Mk-VI(PU)-MiG-01-00 to 05-00 (Issue B) for MiG series</p> <p>FR-AGS-Mk-VI(PU)-JAG-01-00 to 05-00 (Issue B) for Jaguar</p>	<p>Letter No. RCMA (A/C)/456/13/4 dt 28th Aug 2017 (Enclosed at Annexure-4.13.12)</p>

FR-AGS-Mk-VI(PU)-MIR-01-00 to 05-00 (Issue B) for Mirage-2000	
FR-AGS-Mk-VI(PU)-SU-30-01-00 to 05-00 (Issue B) for SU-30	
READ: FR-AGS-Mk-VI(PU)-MiG-01-00 to 05-00 (Issue C) for MiG series	
FR-AGS-Mk-VI(PU)-JAG-01-00 to 05-00 (Issue C) for Jaguar	
FR-AGS-Mk-VI(PU)-MIR-01-00 to 05-00 (Issue C) for Mirage-2000	
FR-AGS-Mk-VI(PU)-SU-30-01-00 to 05-00 (Issue C) for SU-30	

<u>Record of Amendments issued by CEMILAC</u>		
Sl. No	Amendment details	Basis and References
1. 2	Amendment to PC of FR AGS : Under Subject (a) Specification Number: For HAWK AJT AIRCRAFT FOR: Specification No. DEBEL /50/ Rev 3, dated July 2015 READ: Specification No. DEBEL/50/ Rev 4,dated May 2017 (b) Part Number: FOR FR-AGS-Mk-VI(PU)-HK-01-00 to 05-00 (Issue B) READ FR-AGS-Mk-VI(PU)-HK-01-00 to 05-00 (Issue C)	Letter No. RCMA (A/C)/456/13/4 dt 28 th Aug 2017 (Enclosed at Annexure-4.13.13)

<u>Record of Type Approval issue and renewals</u>
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Sl. No.	Date of Issue/ Renewal	Sl. No.	Date of Issue/ Renewal