R-TCDSN No.: EASA.IM.R.504 DHRUV (ALH)

Issue: 1



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Date: 29 June 2023

RESTRICTED TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.504

for

DHRUV (ALH)

Type Certificate Holder:
Rotary Wing Research & Design Centre (RWR&DC),
Hindustan Aeronautics Limited

15/1, Cubbon Road Bangalore – 560 001 India

For models:

DHRUV-C DHRUV-CFW DHRUV-CS



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Rotary Wing Research & Design Centre (RWR&DC),

Type Certificate Holder¹ Hindustan Aeronautics Limited Aircraft Type Designation¹ DHRUV-C

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ TM 333-2B2

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ Landing (kg)		Level ¹	Limit	Level ¹ Limit		Level ¹ Limit		See Note
D509	5,500	5,500	89.2	97.4	91.0	96.4	94.8	98.4	-

¹ See Note 1.



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Rotary Wing Research & Design Centre (RWR&DC),

Type Certificate Holder¹ Hindustan Aeronautics Limited Aircraft Type Designation¹ DHRUV-CFW

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ TM 333-2B2

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See Note
EASA Record No.	Take-off ¹ Landing (kg)		Level ¹ Limit		Level ¹ Limit		Level ¹ Limit		
D510	5,500	5,500	89.2	97.4	91.0	96.4	94.8	98.4	-

¹ See Note 1.



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Rotary Wing Research & Design Centre (RWR&DC),

Type Certificate Holder¹ Hindustan Aeronautics Limited Aircraft Type Designation¹ DHRUV-CS

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ TM 333-2B2

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 8 (8.4.1)

FACA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D511	5,500	5,500	89.2	97.4	91.0	96.4	94.8	98.4	-

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.IM.R.504 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



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Change Record

Issue	Date	Changes
01	29 June 2023	Initial Issue