



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.210

for

DC-10 / MD-11

Type Certificate Holder:

The Boeing Company

2401 E. Wardlow Road

Long Beach, California 90807-5309

USA

For models: DC-10-10
DC-10-30
DC-10-30F
MD-11
MD-11F

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Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-10**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-6D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119941	206,384	164,880	96.0	100.6	101.8	100.4	105.5	104.0	-
A119942	202,302	170,097	96.4	100.5	100.8	100.3	105.8	103.9	-
A119943	199,580	170,097	96.5	100.4	99.6	100.2	105.8	103.9	-
A119944	199,580	164,880	96.5	100.4	99.6	100.2	105.5	103.9	-
A119945	195,044	164,880	96.6	100.4	98.7	100.1	105.5	103.8	-
A119946	195,044	157,759	96.6	100.4	98.7	100.1	104.9	103.8	-
A119947	185,972	157,759	97.0	100.2	97.4	99.8	104.9	103.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-10**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-6D1(A)**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119948	206,384	170,097	96.6	100.6	100.2	100.4	105.8	104.0	-
A119949	206,384	164,880	96.6	100.6	100.2	100.4	105.5	104.0	-
A119950	199,580	164,880	96.9	100.4	98.8	100.2	105.5	103.9	-
A119951	195,044	164,880	97.0	100.4	98.1	100.1	105.5	103.8	-
A119952	185,972	157,759	97.0	100.2	98.1	99.8	104.9	103.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-10**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-6K**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119960	206,384	170,097	96.3	100.6	96.8	100.4	103.3	104.0	-
A119953	206,384	164,880	95.5	100.6	100.9	100.4	103.8	104.0	-
A119954	202,302	170,097	95.5	100.5	100.9	100.3	103.3	103.9	-
A119955	199,580	170,097	95.8	100.4	99.9	100.2	104.3	103.9	-
A119956	199,580	164,880	95.9	100.4	98.9	100.2	103.8	103.9	-
A119957	195,044	164,880	95.9	100.4	98.9	100.1	103.3	103.8	-
A119958	195,044	157,759	96.0	100.4	98.1	100.1	103.8	103.8	-
A119959	185,972	157,759	96.0	100.2	98.1	99.8	103.3	103.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-10**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-6K2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119961	206,384	164,880	96.1	100.6	99.3	100.4	103.8	104.0	-
A119962	206,384	157,759	96.1	100.6	99.3	100.4	103.3	104.0	-
A119963	199,580	164,880	96.4	100.4	98.1	100.2	103.8	103.9	-
A119964	199,580	157,759	96.4	100.4	98.1	100.2	103.3	103.9	-
A119965	195,044	164,880	96.5	100.4	97.4	100.1	103.8	103.8	-
A119966	195,044	157,759	96.5	100.4	97.4	100.1	103.3	103.8	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120025	256,280	186,426	96.8	101.4	102.7	101.7	106.6	104.7	-
A120026	256,280	182,798	96.8	101.4	102.7	101.7	106.3	104.7	-
A120027	251,744	186,426	96.9	101.3	101.8	101.6	106.6	104.6	-
A120028	251,744	182,798	96.9	101.3	101.8	101.6	106.3	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120029	259,455	186,426	97.5	101.4	102.3	101.7	106.6	104.7	-
A120030	259,455	182,798	97.5	101.4	102.3	101.7	106.3	104.7	-
A120031	256,280	186,426	97.5	101.4	102.0	101.7	106.6	104.7	-
A120032	256,280	182,798	97.5	101.4	102.0	101.7	106.3	104.7	-
A120033	253,105	186,426	97.5	101.3	102.0	101.6	106.6	104.7	-
A120034	253,105	182,798	97.5	101.3	102.0	101.6	106.3	104.7	-
A120035	251,744	186,426	97.5	101.3	101.6	101.6	106.6	104.6	-
A120036	251,744	182,798	97.5	101.3	101.6	101.6	106.3	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120037	267,619	186,426	98.0	101.5	103.0	101.9	106.6	104.8	-
A120038	267,619	182,798	98.0	101.5	103.0	101.9	106.3	104.8	-
A120039	259,455	186,426	98.3	101.4	102.1	101.7	106.6	104.7	-
A120040	259,455	182,798	98.3	101.4	102.1	101.7	106.3	104.7	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120041	267,619	197,766	97.9	101.5	99.0	101.9	106.4	104.8	-
A120042	267,619	186,426	97.9	101.5	99.0	101.9	105.3	104.8	-
A120043	267,619	182,798	97.9	101.5	99.0	101.9	105.0	104.8	-
A120024	263,084	192,323	98.0	101.5	98.6	101.8	106.0	104.8	-
A120044	263,084	190,962	98.0	101.5	98.6	101.8	105.9	104.8	-
A120045	263,084	186,426	98.0	101.5	98.6	101.8	105.3	104.8	-
A120046	263,084	182,798	98.0	101.5	98.6	101.8	105.0	104.8	-
A120051	259,455	192,323	97.9	101.4	98.0	101.7	106.0	104.7	-
A120047	259,455	190,962	97.9	101.4	98.0	101.7	105.8	104.7	-
A120048	259,455	190,962	97.9	101.4	98.0	101.7	105.9	104.7	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120049	259,455	186,426	97.9	101.4	98.0	101.7	105.3	104.7	-
A120050	259,455	182,798	97.9	101.4	98.0	101.7	105.0	104.7	-
A120052	256,280	192,323	98.0	101.4	97.6	101.7	106.0	104.7	-
A120053	256,280	190,962	98.0	101.4	97.6	101.7	105.8	104.7	-
A120054	256,280	190,962	98.0	101.4	97.6	101.7	105.9	104.7	-
A120055	256,280	186,426	98.0	101.4	97.6	101.7	105.3	104.7	-
A120056	256,280	182,798	98.0	101.4	97.6	101.7	105.0	104.7	-
A120057	253,105	197,766	98.1	101.3	97.1	101.6	106.4	104.7	-
A120058	253,105	186,426	98.1	101.3	97.1	101.6	105.3	104.7	-
A120059	251,744	192,323	97.8	101.3	96.8	101.6	106.0	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120060	251,744	190,962	97.8	101.3	96.8	101.6	105.8	104.6	-
A120061	251,744	186,426	97.8	101.3	96.8	101.6	105.3	104.6	-
A120062	251,744	182,798	97.8	101.3	96.8	101.6	105.0	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120063	267,619	197,766	98.5	101.5	98.7	101.9	106.4	104.8	-
A120064	267,619	186,426	98.5	101.5	98.7	101.9	105.3	104.8	-
A120065	267,619	182,798	98.5	101.5	98.7	101.9	105.0	104.8	-
A120066	263,084	186,426	98.5	101.5	97.9	101.8	105.3	104.8	-
A120067	263,084	182,798	98.5	101.5	97.9	101.8	105.0	104.8	-
A120072	259,455	192,323	98.5	101.4	97.4	101.7	106.0	104.7	-
A120068	259,455	190,962	98.5	101.4	97.4	101.7	105.8	104.7	-
A120069	259,455	190,962	98.5	101.4	97.4	101.7	105.9	104.7	-
A120070	259,455	186,426	98.5	101.4	97.4	101.7	105.3	104.7	-
A120071	259,455	182,798	98.5	101.4	97.4	101.7	105.0	104.7	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120073	256,280	192,323	98.3	101.4	96.8	101.7	106.0	104.7	-
A120074	256,280	190,962	98.3	101.4	96.8	101.7	105.9	104.7	-
A120075	256,280	190,962	98.3	101.4	96.8	101.7	105.8	104.7	-
A120076	256,280	186,426	98.3	101.4	96.8	101.7	105.3	104.7	-
A120077	256,280	182,798	98.3	101.4	96.8	101.7	105.0	104.7	-
A120078	251,744	192,323	98.4	101.3	96.1	101.6	106.0	104.6	-
A120079	251,744	190,962	98.4	101.3	96.1	101.6	105.8	104.6	-
A120080	251,744	186,426	98.4	101.3	96.1	101.6	105.3	104.6	-
A120081	251,744	182,798	98.4	101.3	96.1	101.6	105.0	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119967	256,280	186,426	96.8	101.4	102.7	101.7	106.6	104.7	-
A119968	256,280	182,798	96.8	101.4	102.7	101.7	106.3	104.7	-
A119969	251,744	186,426	96.9	101.3	101.8	101.6	106.6	104.6	-
A119970	251,744	182,798	96.9	101.3	101.8	101.6	106.3	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119971	259,455	186,426	97.5	101.4	102.3	101.7	106.6	104.7	-
A119972	259,455	182,798	97.5	101.4	102.3	101.7	106.3	104.7	-
A119973	256,280	186,426	97.5	101.4	102.0	101.7	106.6	104.7	-
A119974	256,280	182,798	97.5	101.4	102.0	101.7	106.3	104.7	-
A119975	253,105	186,426	97.5	101.3	102.0	101.6	106.6	104.7	-
A119976	253,105	182,798	97.5	101.3	102.0	101.6	106.3	104.7	-
A119977	251,744	186,426	97.5	101.3	101.6	101.6	106.6	104.6	-
A119978	251,744	182,798	97.5	101.3	101.6	101.6	106.3	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119979	267,619	186,426	98.0	101.5	103.0	101.9	106.6	104.8	-
A119980	267,619	182,798	98.0	101.5	103.0	101.9	106.3	104.8	-
A119981	259,455	186,426	98.3	101.4	102.1	101.7	106.6	104.7	-
A119982	259,455	182,798	98.3	101.4	102.1	101.7	106.3	104.7	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119983	267,619	197,766	97.9	101.5	99.0	101.9	106.4	104.8	-
A119984	267,619	186,426	97.9	101.5	99.0	101.9	105.3	104.8	-
A119985	267,619	182,798	97.9	101.5	99.0	101.9	105.0	104.8	-
A8489	263,084	192,323	98.0	101.5	98.6	101.8	106.0	104.8	-
A119986	263,084	190,962	98.0	101.5	98.6	101.8	105.9	104.8	-
A119987	263,084	186,426	98.0	101.5	98.6	101.8	105.3	104.8	-
A119988	263,084	182,798	98.0	101.5	98.6	101.8	105.0	104.8	-
A119993	259,455	192,323	97.9	101.4	98.0	101.7	106.0	104.7	-
A119989	259,455	190,962	97.9	101.4	98.0	101.7	105.8	104.7	-
A119990	259,455	190,962	97.9	101.4	98.0	101.7	105.9	104.7	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119991	259,455	186,426	97.9	101.4	98.0	101.7	105.3	104.7	-
A119992	259,455	182,798	97.9	101.4	98.0	101.7	105.0	104.7	-
A119994	256,280	192,323	98.0	101.4	97.6	101.7	106.0	104.7	-
A119995	256,280	190,962	98.0	101.4	97.6	101.7	105.8	104.7	-
A119996	256,280	190,962	98.0	101.4	97.6	101.7	105.9	104.7	-
A119997	256,280	186,426	98.0	101.4	97.6	101.7	105.3	104.7	-
A119998	256,280	182,798	98.0	101.4	97.6	101.7	105.0	104.7	-
A119999	253,105	197,766	98.1	101.3	97.1	101.6	106.4	104.7	-
A120000	253,105	186,426	98.1	101.3	97.1	101.6	105.3	104.7	-
A120001	251,744	192,323	97.8	101.3	96.8	101.6	106.0	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120002	251,744	190,962	97.8	101.3	96.8	101.6	105.8	104.6	-
A120003	251,744	186,426	97.8	101.3	96.8	101.6	105.3	104.6	-
A120004	251,744	182,798	97.8	101.3	96.8	101.6	105.0	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120005	267,619	197,766	98.5	101.5	98.7	101.9	106.4	104.8	-
A120006	267,619	186,426	98.5	101.5	98.7	101.9	105.3	104.8	-
A120007	267,619	182,798	98.5	101.5	98.7	101.9	105.0	104.8	-
A120008	263,084	186,426	98.5	101.5	97.9	101.8	105.3	104.8	-
A120009	263,084	182,798	98.5	101.5	97.9	101.8	105.0	104.8	-
A120014	259,455	192,323	98.5	101.4	97.4	101.7	106.0	104.7	-
A120010	259,455	190,962	98.5	101.4	97.4	101.7	105.8	104.7	-
A120011	259,455	190,962	98.5	101.4	97.4	101.7	105.9	104.7	-
A120012	259,455	186,426	98.5	101.4	97.4	101.7	105.3	104.7	-
A120013	259,455	182,798	98.5	101.4	97.4	101.7	105.0	104.7	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **DC-10-30F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-50C2B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120015	256,280	192,323	98.3	101.4	96.8	101.7	106.0	104.7	-
A120016	256,280	190,962	98.3	101.4	96.8	101.7	105.9	104.7	-
A120017	256,280	190,962	98.3	101.4	96.8	101.7	105.8	104.7	-
A120018	256,280	186,426	98.3	101.4	96.8	101.7	105.3	104.7	-
A120019	256,280	182,798	98.3	101.4	96.8	101.7	105.0	104.7	-
A120020	251,744	192,323	98.4	101.3	96.1	101.6	106.0	104.6	-
A120021	251,744	190,962	98.4	101.3	96.1	101.6	105.8	104.6	-
A120022	251,744	186,426	98.4	101.3	96.1	101.6	105.3	104.6	-
A120023	251,744	182,798	98.4	101.3	96.1	101.6	105.0	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-80C2D1F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119443	285,990	222,941	96.2	101.8	94.7	102.3	104.7	105.0	-
A4873	285,990	218,405	96.2	101.8	94.7	102.3	104.5	105.0	2
A119403	285,990	207,745	96.2	101.8	94.7	102.3	104.2	105.0	2
A119444	283,722	218,405	96.2	101.7	94.3	102.2	104.5	105.0	-
A4869	283,722	207,745	96.2	101.7	94.3	102.2	104.2	105.0	3
A119445	280,320	213,869	96.3	101.7	93.8	102.2	104.4	105.0	-
A4867	280,320	207,745	96.3	101.7	93.8	102.2	104.2	105.0	4
A119496	280,320	199,581	96.3	101.7	93.8	102.2	103.8	105.0	-
A4863	276,691	207,745	96.3	101.7	93.3	102.1	104.2	105.0	-
A119446	273,289	207,745	96.3	101.6	92.8	102.0	104.2	104.9	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-80C2D1F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119497	272,000	199,580	96.3	101.6	92.6	102.0	103.8	104.9	-
A119498	269,000	199,580	96.3	101.5	92.2	101.9	103.8	104.9	-
A119447	258,000	199,581	96.4	101.4	90.6	101.7	103.8	104.7	-
A119499	250,000	199,580	96.5	101.3	89.4	101.5	103.8	104.6	-
A119448	249,476	195,045	96.5	101.3	89.4	101.5	103.6	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-80C2D1F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Drooped ailerons (MD-11A1)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A119473	285,990	222,941	96.3	101.8	94.5	102.3	104.7	105.0	-
A119474	283,722	218,405	96.4	101.7	94.2	102.2	104.5	105.0	-
A119475	280,320	213,869	96.4	101.7	93.8	102.2	104.4	105.0	-
A119476	273,289	207,745	96.4	101.6	92.8	102.0	104.2	104.9	-
A119477	258,000	199,581	96.5	101.4	90.7	101.7	103.8	104.7	-
A119478	249,476	195,045	96.6	101.3	89.5	101.5	103.6	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4460**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A4872	285,990	218,405	96.1	101.8	95.8	102.3	104.3	105.0	2
A119404	285,990	207,745	96.1	101.8	95.8	102.3	104.0	105.0	2
A4870	283,722	207,745	96.2	101.7	95.3	102.2	104.0	105.0	3
A4866	280,320	207,745	96.2	101.7	94.9	102.2	104.0	105.0	4
A4864	276,691	207,745	96.2	101.7	94.3	102.1	104.0	105.0	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4462**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A4875	285,990	218,405	96.5	101.8	95.0	102.3	104.4	105.0	2
A119405	285,990	207,745	96.5	101.8	95.0	102.3	104.0	105.0	2
A4871	283,722	207,745	96.6	101.7	94.7	102.2	104.0	105.0	3
A4868	280,320	207,745	96.6	101.7	94.2	102.2	104.0	105.0	4
A4865	276,691	207,745	96.6	101.7	93.6	102.1	104.0	105.0	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-80C2D1F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A4879	285,990	222,941	96.2	101.8	94.7	102.3	104.7	105.0	-
A4878	285,990	218,405	96.2	101.8	94.7	102.3	104.5	105.0	2
A4877	283,722	218,405	96.2	101.7	94.3	102.2	104.5	105.0	3
A119409	280,320	213,869	96.3	101.7	93.8	102.2	104.4	105.0	4
A4876	280,320	207,745	96.3	101.7	93.8	102.2	104.2	105.0	4
A119406	276,691	213,869	96.3	101.7	93.3	102.1	104.4	105.0	-
A4874	276,691	207,745	96.3	101.7	93.3	102.1	104.2	105.0	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF6-80C2D1F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Drooped ailerons (MD-11A1)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A120082	285,990	222,941	96.3	101.8	94.5	102.3	104.7	105.0	-
A120083	283,722	218,405	96.4	101.7	94.2	102.2	104.5	105.0	-
A120084	280,320	213,869	96.4	101.7	93.8	102.2	104.4	105.0	-
A120085	273,289	207,745	96.4	101.6	92.8	102.0	104.2	104.9	-
A120086	258,000	199,581	96.5	101.4	90.7	101.7	103.8	104.7	-
A120087	249,476	195,045	96.6	101.3	89.5	101.5	103.6	104.6	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11F**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4460**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A4884	285,990	222,941	96.1	101.8	95.8	102.3	104.4	105.0	2
A4883	285,990	218,405	96.1	101.8	95.8	102.3	104.3	105.0	2
A4882	283,722	218,405	96.2	101.7	95.3	102.2	104.3	105.0	3
A4881	280,320	207,745	96.2	101.7	94.9	102.2	104.0	105.0	4
A4880	276,691	207,745	96.2	101.7	94.3	102.1	104.0	105.0	-

¹ See Note 1.

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **MD-11F**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4462**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A4889	285,990	222,941	96.5	101.8	95.0	102.3	104.4	105.0	-
A4888	285,990	218,405	96.5	101.8	95.0	102.3	104.4	105.0	2
A4887	283,722	218,405	96.6	101.7	94.7	102.2	104.4	105.0	3
A4886	280,320	207,745	96.6	101.7	94.2	102.2	104.0	105.0	4
A4885	276,691	207,745	96.6	101.7	93.6	102.1	104.0	105.0	-

¹ See Note 1.

TCDSN EASA.IM.A.210 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Service Bulletin MD11-28-079, MD11-31-073, MD11-32-057, MD11-57-032 or production equivalent (Increased take-off weight)
3. Service Bulletin 103-009 (Increased take-off weight)
4. Service Bulletin 103-1 or production equivalent (Increased take-off weight)

Change Record

Issue	Date	Changes
Issue 1	27 April 2015	Initial Issue

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