LIMITED LIFE PRESSURE VESSEL ITEMS LIST

CONTRACTOR: CARLO GAVAZZI SPACE S.P.A.
ITEM DESCRIPTION: TRACKER RADIATORS TCS ASSY

MODEL: PFM
PART N°/C.I. N°: 47-AMS02TCS-000.00.00 / T RAD TCS 14

SERIAL N°: FM01, FM02

ITEM DESCRIPTION	PART NUMBER	SERIAL NUMBER	Max. pressure operating time/cycles or life duration for which proper function is safeguarded	START DATE	END DATE	REMARKS
Axial Grooved Heat Pipe on Tracker Radiator Panel 1 (s/n 01)	IEA001/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	13/04/2007	13/04/2025	Date of charging:13/04/2007 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 1 (s/n 01)	IEA003/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	23/04/2007	23/04/2025	Date of charging:23/04/2007 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 1 (s/n 01)	IEA005/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	20/04/2007	20/04/2025	Date of charging:20/04/2007 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 1 (s/n 01)	IEA007/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	04/04/2007	04/04/2025	Date of charging:04/04/2007 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 1 (s/n 01)	IEA009/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	04/04/2007	04/04/2025	Date of charging:04/04/2007 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 1 (s/n 01)	IEA011/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	10/05/2007	10/05/2025	Date of charging:10/05/2007 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 1 (s/n 01)	IEA013/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	27/04/2007	27/04/2025	Date of charging:27/04/2007 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 2 (s/n 02)	IEA002/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	13/04/2007	13/04/2025	Date of charging:13/04/2007 with ammonia

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ITEM DESCRIPTION	PART NUMBER	SERIAL NUMBER	Max. pressure operating time/cycles or life duration for which proper function is safeguarded	START DATE	END DATE	REMARKS
Axial Grooved Heat Pipe on Tracker Radiator Panel 2 (s/n 02)	IEA004/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	23/04/ 2007	23/04/ 2025	Date of charging:23/04/200 7 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 2 (s/n 02)	IEA006/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	23/04/ 2007	23/04/ 2025	Date of charging:23/04/200 7 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 2 (s/n 02)	IEA008/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	14/04/ 2007	14/04/ 2025	Date of charging:14/04/200 7 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 2 (s/n 02)	IEA010/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	10/04/ 2007	10/04/ 2025	Date of charging:10/04/200 7 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 2 (s/n 02)	IEA012/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	04/04/ 2007	04/04/ 2025	Date of charging:04/04/200 7 with ammonia
Axial Grooved Heat Pipe on Tracker Radiator Panel 2 (s/n 02)	IEA014/07	N.A.	18 years (Flight operation:12 years, Storage and ground operation: 6 years)	04/04/ 2007	04/04/ 2025	Date of charging:04/04/200 7 with ammonia

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