

## ASSET DETAILED SPECIFICATION

### General Description

Aircraft Type:	A320-232 P2F		
Serial No.:		TSN	46,999
Date of Manufacture:	08 Apr 2004	CSN	29,980
Registration:	A6-MVA	Status as of	30 <sup>th</sup> June 2025

### Registration History

Operator	Period of Operation	Registration
Fly Vaayu LLC	29 Feb 2024 to Current	A6-MVA
ST Engineering Aerospace Resources Pte. Ltd.	14 Nov 2023 to 28 Feb 2025	LY-STE
ST Engineering Aerospace Resources Pte. Ltd.	13 Jul 2022 to 14 Nov 2023	N2164E
AlternA Aircraft XII LLC	29 Dec 2020 to 13 Jul 2022	N2164E
TURKISH AIRLINES	30 Jul 2013 to 29 Dec 2020	TC-JUF
JETSTAR ASIA AIRWAYS	28 Apr 2010 to 29 Jul 2013	9V-VLF
VALUEAIR	28 Apr 2004 to 27 Apr 2010	9V-VLB

### Asset Details

Aircraft – General	Description	Comments
Certification Base (FAA/ EASA)	EASA	N/A
Noise Category	ICAO Annex 16, Volume 1, Chapter 4	N/A
Weight Variant	WV012	N/A

Aircraft – Build Information	Description	Comments
Engine Information	V2527-A5	N/A
Winglets	Wing Tip Fences	N/A

Avionics & Communication	Description	Comments
GPS	Installed	N/A
SATCOM	Not Installed	N/A
Heads Up Display	Not Installed	N/A

Operational Requirements	Description	Comments
Autoland Capabilities Current	Cat IIIB	N/A
Elementary Surveillance (ELS)/ Enhanced Surveillance	Installed	N/A
ETOPS Capable	Not Capable	N/A
ETOPS Certified	Not Certified	N/A
FM Immunity and 8.33 KHz channel spacing	Compliant	N/A

### Fuel Capacity

Cargo	Description	Comments
Cargo Loading System (Lower Deck)	Installed	Telair (Mod Car)
Cargo Loading System (Main Deck)	Installed	ANCRA

Regulatory Compliance	Description	Comments
ADS-B	Compliant	DO-260B Out

Future Aircraft Navigation System (FANS)	Compliant	FANS B+
SSCVR Datalink Recording	Compliant	N/A
TCAS 7.1 Capable	Compliant	TCAS 7.1

Interior Information	Description	Comments
Cockpit Seats	4 + 1	N/A
Lavatories	1	N/A
Language on placards	English	N/A
Cockpit USB Power	Installed	N/A

Aircraft Weights	Current (kg)	Current (lb)
Maximum Landing Weight	66,00	145,505
Maximum Take Off Weight	77,000	169,755
Maximum Taxi Weight	77,400	170,637
Maximum Zero Fuel Weight	62,500	137,789

## Airframe

MSN:	2164	Total Time Since New	46,999
Model:	A320-232 P2F	Total Cycles Since New	29,980
Manufacturer:	Airbus	As per:	30 <sup>th</sup> June 2025

Description	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
6 Yr Check	24 Mar 2020	46,496	29,797	503	183
Airframe 12 yr check	8 Jul 2015	34,466	21,176	12,030	8,621
Airframe 6 yr check	28 Apr 2010	19,578	11,505	14,888	9,671

## Engine V11763

Engine Model:	V2527-A5	Status:	On-Wing
Engine Serial No.:	V11621	Total Time Since New:	43,372.38
Thrust Rating:	118.32 lbs	Total Cycles Since New:	23,998
Location:	Left	As per:	30 <sup>th</sup> June 2025

Description	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
Engine Repair	7 Apr 2022	42,890	23,823	482	175
Engine Repair	16 Oct 2020	42,873	23,817	17	6
Engine Performance Restoration	24 May 2017	33,748	19,924	9,125	3,893
Engine Repair	30 Jun 2015	29,504	17,681	4,244	2,243
Engine Repair	7 Jun 2013	24,291	14,154	5,213	3,527
Engine Performance Restoration	31 Mar 2008	11,796	6,128	12,495	8,026

Description	Part No.	Serial No.	Life Limit	Cycle Consumed	Cycles Remaining
STAGE 1 FAN DISK	5A1948	RRXP015504	20,000	4,074	15,926
LPC STUB SHAFT	5A0895	JIJL536	20,000	4,074	15,926
LPC STAGE 1.5-2.5 DISK	5R0159	JKBM3563	20,000	4,074	15,926
LPT STAGE 3 DISK	3A2513	JM8185D	20,000	4,074	15,926
LPT STAGE 4 DISK	3A1984	MAN13995	20,000	4,074	15,926
LPT STAGE 5 DISK	3A2430	MAN12827	20,000	4,074	15,926
LPT STAGE 6 DISK	3A2996	MAN13646	20,000	4,074	15,926

LPT STAGE 7 DISK	3A2514	JM8148D	20,000	4,074	15,926
LPT STAGE 3 AIRSEAL	3A0963	MAA92130	20,000	4,074	15,926
LPT STAGE 4 AIRSEAL	3A2422	MAA93067	20,000	4,074	15,926
LPT STAGE 5 AIRSEAL	3A2423	MAA91833	20,000	4,074	15,926
LPT STAGE 6 INNER AIRSEAL	3A3047	MAA91323	20,000	4,074	15,926
LPT STAGE 6 AIRSEAL	3A1988	MAA90048	20,000	4,074	15,926
LPT STAGE 7 AIRSEAL	3A2522	MAA92755	20,000	4,074	15,926
LPT SHAFT	5A1762	JIJT828	20,000	4,074	15,926
HPC STAGE 3-8 DISK	6B1404	RRD10564	20,000	6,341	13,659
HPC STAGE 9-12 DISK	6A7546	RRD9654	20,000	4,074	15,926
HPC REAR SHAFT	6B1419	200581PQYX022 8	20,000	4,074	15,926
HPC REAR AIRSEAL	6A5869	234770S01474-1	20,000	4,074	15,926
HPT STAGE 1 HUB	2A5001	PKLBP93297	20,000	4,074	15,926
HPT OUTER AIRSEAL	2A3423	PKLBP09923	20,000	4,074	15,926
HPT INNER AIRSEAL	2A3923	PKLBPR8060	20,000	4,074	15,926
HPT STAGE 2 AIRSEAL	2A4157	PKLBN41701	20,000	4,074	15,926
HPT STAGE 2 HUB	2A4802	PKLBP99402	20,000	4,074	15,926
HPT STAGE 2 BLADE RETENTION PLATE	2A3437	PKLBNT5561	20,000	4,074	15,926

## Engine V11698

Engine Model:	V2527-A5	Status:	On-Wing
Engine Serial No.:	V11610	Total Time Since New:	48,299.38
Thrust Rating:	118.32 lbs	Total Cycles Since New:	26,417
Location:	Right	As per:	30 <sup>th</sup> June 2025

Description	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
Engine Performance Restoration	28 Jan 2020	47,796	26,234	503	183
Engine Performance Restoration	21 Nov 2015	33,727	19,966	14,069	6,268
Engine Repair	28 May 2013	27,290	15,696	6,437	4,270
Engine Performance Restoration	28 Oct 2009	17,711	9,849	9,579	5,847

Description	Part No.	Serial No.	Life Limit	Cycle Consumed	Cycles Remaining
STAGE 1 FAN DISK	5A1948	RRXP013566	20,000	6,451	13,549
LPC STUB SHAFT	5A0895	JIJK758	20,000	6,451	13,549
LPC STAGE 1.5-2.5 DISK	5R0159	JKH3189	20,000	6,451	13,549
LPT STAGE 3 DISK	3A2513	JM7395D	20,000	6,451	13,549
LPT STAGE 4 DISK	3A1984	MAM42983	20,000	6,451	13,549
LPT STAGE 5 DISK	3A2430	MAM46285	20,000	6,451	13,549
LPT STAGE 6 DISK	3A2996	MAM38214	20,000	183	19,817
LPT STAGE 7 DISK	3A2514	JM7354D	20,000	6,451	13,549
LPT STAGE 3 AIRSEAL	3A0963	MAA87737	20,000	6,451	13,549
LPT STAGE 4 AIRSEAL	3A2422	MAM33034	20,000	6,451	13,549
LPT STAGE 5 AIRSEAL	3A2423	MAM52862	20,000	6,451	13,549
LPT STAGE 6 INNER AIRSEAL	3A3047	MAA88028	20,000	6,451	13,549
LPT STAGE 6 AIRSEAL	3A1988	MAM49469	20,000	6,451	13,549
LPT STAGE 7 AIRSEAL	3A2522	MAA58095	20,000	6,451	13,549
LPT SHAFT	5A1762	JIJT185	20,000	6,451	13,549
HPC STAGE 3-8 DISK	6B1404	RRD10825	20,000	6,451	13,549

HPC STAGE 9-12 DISK	6A7546	RRD8892	20,000	6,451	13,549
HPC REAR SHAFT	6B1419	200581CQYX9020	20,000	6,451	13,549
HPC REAR AIRSEAL	6A5869	234770S00606-1	20,000	6,451	13,549
HPT STAGE 1 HUB	2A5001	PKLBN77751	20,000	6,451	13,549
HPT OUTER AIRSEAL	2A3423	PKLBN60541	20,000	6,451	13,549
HPT INNER AIRSEAL	2A3923	PKLBN19632	20,000	6,451	13,549
HPT STAGE 2 AIRSEAL	2A4157	PKLBN59962	20,000	6,451	13,549
HPT STAGE 2 HUB	2A4802	PKLBN89971	20,000	6,451	13,549
HPT STAGE 2 BLADE RETENTION PLATE	2A3437	PKLBN89085	20,000	6,451	13,549

## Landing Gear

Description:	Nose landing Gear – Messier Dowty	Status	On-Wing
Manufacturer:	Messier Dowty	Total Time Since New:	52,389
Part No.:	D23589520-11	Total Cycles Since New:	33,299
Serial No.:	B305	As per:	30 <sup>th</sup> June 2025

Description	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
NLG Overhaul	17 Jun 2022	51,938	33,132	451	167

Description:	Left Main landing Gear – Messier Dowty	Status	On-Wing
Manufacturer:	Messier Dowty	Total Time Since New:	49,049
Part No.:	201582001-050	Total Cycles Since New:	31,438
Serial No.:	M-DG-0143	As per:	30 <sup>th</sup> June 2025

Description	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
LMLG Overhaul	21 Jun 2022	48,598	31,271	451	167

Description:	Right Main landing Gear – Messier Dowty	Status	On-Wing
Manufacturer:	Messier Dowty	Total Time Since New:	52,389
Part No.:	201582002-030	Total Cycles Since New:	33,299
Serial No.:	M-DG-0146	As per:	30 <sup>th</sup> June 2025

Description	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
RMLG Overhaul	22 Jun 2022	51,938	33,132	451	167

## APU

Description:	APU APS 3200 APIC	Status	On-Wing
Model:	4500001C	Total Time Since New:	11,675
Serial No.:	3203	Total Cycles Since New:	22,519
		As per:	30 <sup>th</sup> June 2025

Description	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
APU Overhaul	5 Dec 2019	11,052	21,812	623	293
APU Overhaul	7 Nov 2016	8,237	14,172	2,815	7640

### Avionics

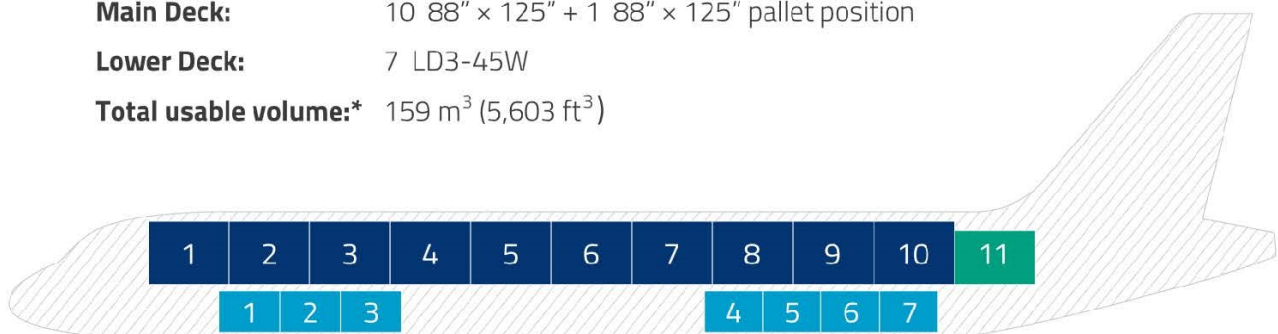
Part No.	Description	Qty	Manufacturer
01N65900	ELT – Fixed – 121.5/ 243/ 406 MHz	1	
01N65920	ELT – Portable – 121.5/ 243/ 406 MHz	1	
465020-03030316	Air data Inertial Reference Unit	3	
LA2T0G21006CA10	Air Traffic Services Unit	1	
7517800-12402	ATC Transponder – Mode S – ELS & EHS Compliant	2	
C12404AB02	ATC/ TCAS Control Unit	1	
ACP2788AD01	Audio Control Panel - ACP	3	
C12860AA02	Centralized Fault Data Interface Unit	1	
Z010H000521A	CIDS Director	2	
2100-1228-02	Cockpit Voice Recorder – Solid State	1	
9615325080	Display Management Computer	3	
822-0329-020	DME Interrogator	2	
3945128218	ELAC – Elevator Aileron Computer	2	
B397BAM0424	Flight Augmentation Computer	2	
115370-1118	Flight Control Data Concentrator	2	
C12850AC02	Flight Control Unit	1	
2234320-01-01	Flight Data Interface Management Unit	1	
C13043BA04	Flight Management & Guidance Computer (FMGC)	2	
350E053022020	FWC – Flight Warning Computer	2	
TLS755-01-0102A	Multi-Mode Receiver	2	
9599-607-14942	Radio Altimeter Transceiver	2	
B372BAM0515	SEC – Spoiler Elevator Computer	2	
49-170-11	SFCC – Slat/ Flap Control Computer	2	
2100-4043-02	SSFDR – Solid State Flight Data Recorder	1	
350E5500206	System Data Acquisition Concentrator	2	
822-1047-030	VHF Com Transceiver (Incl. 8.33 & FM Im)	3	
822-0297-020	VOR Receiver (incl. FM immunity)	2	
622-5130-021	Weather Radar Transceiver	2	

Cockpit	
Main Deck Cargo Door	142" width and 85" height clearance. Hydraulically actuated and electrically operated.

**Main Deck:** 10 88" x 125" + 1 88" x 125" pallet position

**Lower Deck:** 7 LD3-45W

**Total usable volume:\*** 159 m<sup>3</sup> (5,603 ft<sup>3</sup>)



**Bulk:** 208 ft<sup>3</sup> (5.9 m<sup>3</sup>)