



STANDARD PRACTICES - ENGINE - INFORMATION - ENGINE - HP TURBINE ROTOR AND STATOR
ASSEMBLY - TO ANNOUNCE THE AVAILABILITY OF NEW STAGE 2 TURBINE VANES WITH IMPROVED
AIRFOIL COATING - CATEGORY CODE 7 - MOD.ENG-70-0445

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320, A321
- (2) Engine: V2500-A1 Engines

B. Reason

To announce the availability of new Stage 2 HPT Turbine Vanes. The new Vanes have a two layer plasma spray (PWA 264) on all gaspath surfaces.

C. Compliance

Category Code 7

Accomplish when the supply of superseded parts has been depleted.

D. Approval

The part number transactions shown under the Material Information portion of this Bulletin has been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. References

- (1) Internal Reference No.
88VA300

F. General Information

- (1) The material information portion of this bulletin provides the latest information concerning the availability of an improved Stage 2 HPT Vane Assembly.
- (2) Other Publications Affected
V2500-A1 Engine Illustrated Parts Catalog (S-V2500-1IA), Chapter/Section 72-45-24

V2500-ENG-70-0445



International Aero Engines
INFORMATION BULLETIN

G. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
2A3272 (72-45-24)	17	-	Ring Segment & Vane Cluster	2A2072 (02-050)	(1) (A)
2A3272CL21 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL21 (02-070)	(1) (B) (C)
2A3272CL22 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL22 (02-071)	(1) (B) (C)
2A3272CL23 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL23 (02-072)	(1) (B) (C)
2A3272CL24 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL24 (02-073)	(1) (B) (C)
2A3272CL25 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL25 (02-074)	(1) (B) (C)
2A3272CL26 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL26 (02-075)	(1) (B) (C)
2A3272CL27 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL27 (02-076)	(1) (B) (C)
2A3272CL28 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL28 (02-077)	(1) (B) (C)
2A3272CL29 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL29 (02-078)	(1) (B) (C)
2A3272CL30 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL30 (02-079)	(1) (B) (C)
2A3272CL31 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL31 (02-080)	(1) (B) (C)
2A3272CL32 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL32 (02-081)	(1) (B) (C)
2A3272CL33 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL33 (02-082)	(1) (B) (C)
2A3272CL34 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL34 (02-083)	(1) (B) (C)
2A3272CL35 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL35 (02-084)	(1) (B) (C)
2A3272CL38 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL38 (02-087)	(1) (B) (C)
2A3272CL39 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL39 (02-088)	(1) (B) (C)
2A3272CL40 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL40 (02-089)	(1) (B) (C)
2A3272CL41 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL41 (02-090)	(1) (B) (C)
2A3272CL36 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL36 (02-093)	(1) (B) (C)
2A3272CL36-5 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL36-5 (02-094)	(1) (B) (C)

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V2500-ENG-70-0445

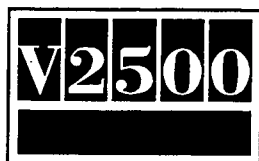


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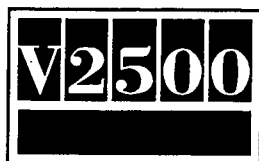
2A3272CL37 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL37 (02-095)	(1) (B) (C)
2A3272CL37-5 (72-45-24)	17	8753.00	Ring Segment & Vane Cluster	2A2072CL37-5 (02-096)	(1) (B) (C)
2A3152CL21 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL21 (02-130)	(1) (B) (C)
2A3152CL22 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL22 (02-131)	(1) (B) (C)
2A3152CL23 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL23 (02-132)	(1) (B) (C)
2A3152CL24 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL24 (02-133)	(1) (B) (C)
2A3152CL25 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL25 (02-134)	(1) (B) (C)
2A3152CL26 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL26 (02-135)	(1) (B) (C)
2A3152CL27 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL27 (02-136)	(1) (B) (C)
2A3152CL28 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL28 (02-137)	(1) (B) (C)
2A3152CL29 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL29 (02-138)	(1) (B) (C)
2A3152CL30 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL30 (02-139)	(1) (B) (C)
2A3152CL31 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL31 (02-140)	(1) (B) (C)
2A3152CL32 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL32 (02-141)	(1) (B) (C)
2A3152CL33 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL33 (02-142)	(1) (B) (C)
2A3152CL34 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL34 (02-143)	(1) (B) (C)
2A3152CL35 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL35 (02-144)	(1) (B) (C)
2A3152CL36 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL36 (02-145)	(1) (B) (C)
2A3152CL37 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL37 (02-146)	(1) (B) (C)
2A3152CL38 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL38 (02-147)	(1) (B) (C)
2A3152CL39 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL39 (02-148)	(1) (B) (C)
2A3152CL40 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL40 (02-149)	(1) (B) (C)
2A3152CL41 (72-45-24)	2	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL41 (02-150)	(1) (B) (C)
2A3172 (72-45-24)	2	-	Ring Segment & Vane Cluster	2A2172 (02-260)	(1) (A)
2A3172CL21 (72-45-24)	2	9030.00	Ring Segment & Vane Cluster	2A2172CL21 (02-270)	(1) (B) (C)
2A3172CL22	2	9030.00	Ring Segment & Vane	2A2172CL22	(1) (B) (C)

V2500-ENG-70-0445



(72-45-24)			Cluster	(02-271)	
2A3172CL23	2	9030.00	Ring Segment & Vane	2A2172CL23	(1) (B) (C)
(72-45-24)			Cluster	(02-272)	
2A3172CL24	2	9030.00	Ring Segment & Vane	2A2172CL24	(1) (B) (C)
(72-45-24)			Cluster	(02-273)	
2A3172CL25	2	9030.00	Ring Segment & Vane	2A2172CL25	(1) (B) (C)
(72-45-24)			Cluster	(02-274)	
2A3172CL26	2	9030.00	Ring Segment & Vane	2A2172CL26	(1) (B) (C)
(72-45-24)			Cluster	(02-275)	
2A3172CL27	2	9030.00	Ring Segment & Vane	2A2172CL27	(1) (B) (C)
(72-45-24)			Cluster	(02-276)	
2A3172CL28	2	9030.00	Ring Segment & Vane	2A2172CL28	(1) (B) (C)
(72-45-24)			Cluster	(02-277)	
2A3172CL29	2	9030.00	Ring Segment & Vane	2A2172CL29	(1) (B) (C)
(72-45-24)			Cluster	(02-278)	
2A3172CL30	2	9030.00	Ring Segment & Vane	2A2172CL30	(1) (B) (C)
(72-45-24)			Cluster	(02-279)	
2A3172CL31	2	9030.00	Ring Segment & Vane	2A2172CL31	(1) (B) (C)
(72-45-24)			Cluster	(02-280)	
2A3172CL32	2	9030.00	Ring Segment & Vane	2A2172CL32	(1) (B) (C)
(72-45-24)			Cluster	(02-281)	
2A3172CL33	2	9030.00	Ring Segment & Vane	2A2172CL33	(1) (B) (C)
(72-45-24)			Cluster	(02-282)	
2A3172CL34	2	9030.00	Ring Segment & Vane	2A2172CL34	(1) (B) (C)
(72-45-24)			Cluster	(02-283)	
2A3172CL35	2	9030.00	Ring Segment & Vane	2A2172CL35	(1) (B) (C)
(72-45-24)			Cluster	(02-284)	
2A3172CL37	2	9030.00	Ring Segment & Vane	2A2172CL37	(1) (B) (C)
(72-45-24)			Cluster	(02-286)	
2A3172CL38	2	9030.00	Ring Segment & Vane	2A2172CL38	(1) (B) (C)
(72-45-24)			Cluster	(02-287)	
2A3172CL39	2	9030.00	Ring Segment & Vane	2A2172CL39	(1) (B) (C)
(72-45-24)			Cluster	(02-288)	
2A3172CL40	2	9030.00	Ring Segment & Vane	2A2172CL40	(1) (B) (C)
(72-45-24)			Cluster	(02-289)	
2A3172CL41	2	9030.00	Ring Segment & Vane	2A2172CL41	(1) (B) (C)
(72-45-24)			Cluster	(02-290)	
2A3172CL36	2	9030.00	Ring Segment & Vane	2A2172CL36	(1) (B) (C)
(72-45-24)			Cluster	(02-293)	
2A3172CL36-5	2	9030.00	Ring Segment & Vane	2A2172CL36-5	(1) (B) (C)
(72-45-24)			Cluster	(02-294)	
2A3172CL37	2	9030.00	Ring Segment & Vane	2A2172CL37	(1) (B) (C)
(72-45-24)			Cluster	(02-295)	
2A3172CL37-5	2	9030.00	Ring Segment & Vane	2A2172CL37-5	(1) (B) (C)
(72-45-24)			Cluster	(02-296)	
2A3152CL21	1	3611.00	Vane Assembly, HPT,	2A1152CL21	(1) (B) (C)
(72-45-24)			Stage 2	(02-350)	
2A3152CL22	1	3611.00	Vane Assembly, HPT,	2A1152CL22	(1) (B) (C)
(72-45-24)			Stage 2	(02-351)	
2A3152CL23	1	3611.00	Vane Assembly, HPT,	2A1152CL23	(1) (B) (C)
(72-45-24)			Stage 2	(02-352)	

V2500-ENG-70-0445

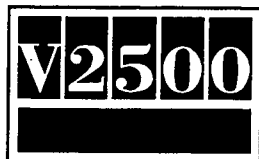


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2A3152CL24 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL24 (02-353)	(1) (B) (C)
2A3152CL25 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL25 (02-354)	(1) (B) (C)
2A3152CL26 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL26 (02-355)	(1) (B) (C)
2A3152CL27 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL27 (02-356)	(1) (B) (C)
2A3152CL28 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL28 (02-357)	(1) (B) (C)
2A3152CL29 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL29 (02-358)	(1) (B) (C)
2A3152CL30 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL30 (02-359)	(1) (B) (C)
2A3152CL31 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL31 (02-360)	(1) (B) (C)
2A3152CL32 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL32 (02-361)	(1) (B) (C)
2A3152CL33 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL33 (02-362)	(1) (B) (C)
2A3152CL34 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL34 (02-363)	(1) (B) (C)
2A3152CL35 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL35 (02-364)	(1) (B) (C)
2A3152CL36 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL36 (02-365)	(1) (B) (C)
2A3152CL37 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL37 (02-366)	(1) (B) (C)
2A3152CL38 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL38 (02-367)	(1) (B) (C)
2A3152CL39 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL39 (02-368)	(1) (B) (C)
2A3152CL40 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL40 (02-369)	(1) (B) (C)
2A3152CL41 (72-45-24)	1	3611.00	Vane Assembly, HPT, Stage 2	2A1152CL41 (02-370)	(1) (B) (C)
2A3252CL21 (72-45-24)	1	3885.00	Vane Assembly, HPT, Stage 2	2A1252CL21 (02-420)	(1) (B) (C)
2A3252CL22 (72-45-24)	1	3885.00	Vane Assembly, HPT, Stage 2	2A1252CL22 (02-421)	(1) (B) (C)
2A3252CL23 (72-45-24)	1	3885.00	Vane Assembly, HPT, Stage 2	2A1252CL23 (02-422)	(1) (B) (C)
2A3252CL24 (72-45-24)	1	3885.00	Vane Assembly, HPT, Stage 2	2A1252CL24 (02-423)	(1) (B) (C)
2A3252CL25 (72-45-24)	1	3885.00	Vane Assembly, HPT, Stage 2	2A1252CL25 (02-424)	(1) (B) (C)
2A3252CL26 (72-45-24)	1	3885.00	Vane Assembly, HPT, Stage 2	2A1252CL26 (02-425)	(1) (B) (C)
2A3252CL27 (72-45-24)	1	3885.00	Vane Assembly, HPT, Stage 2	2A1252CL27 (02-426)	(1) (B) (C)
2A3252CL28	1	3885.00	Vane Assembly, HPT,	2A1252CL28	(1) (B) (C)

V2500-ENG-70-0445



International Aero Engines
INFORMATION BULLETIN

(72-45-24)			Stage 2	(02-427)	
2A3252CL29	1	3885.00	Vane Assembly, HPT,	2A1252CL29	(1) (B) (C)
(72-45-24)			Stage 2	(02-428)	
2A3252CL30	1	3885.00	Vane Assembly, HPT,	2A1252CL30	(1) (B) (C)
(72-45-24)			Stage 2	(02-429)	
2A3252CL31	1	3885.00	Vane Assembly, HPT,	2A1252CL31	(1) (B) (C)
(72-45-24)			Stage 2	(02-430)	
2A3252CL32	1	3885.00	Vane Assembly, HPT,	2A1252CL32	(1) (B) (C)
(72-45-24)			Stage 2	(02-431)	
2A3252CL33	1	3885.00	Vane Assembly, HPT,	2A1252CL33	(1) (B) (C)
(72-45-24)			Stage 2	(02-432)	
2A3252CL34	1	3885.00	Vane Assembly, HPT,	2A1252CL34	(1) (B) (C)
(72-45-24)			Stage 2	(02-433)	
2A3252CL35	1	3885.00	Vane Assembly, HPT,	2A1252CL35	(1) (B) (C)
(72-45-24)			Stage 2	(02-434)	
2A3252CL36	1	3885.00	Vane Assembly, HPT,	2A1252CL36	(1) (B) (C)
(72-45-24)			Stage 2	(02-435)	
2A3252CL37	1	3885.00	Vane Assembly, HPT,	2A1252CL37	(1) (B) (C)
(72-45-24)			Stage 2	(02-436)	
2A3252CL38	1	3885.00	Vane Assembly, HPT,	2A1252CL38	(1) (B) (C)
(72-45-24)			Stage 2	(02-437)	
2A3252CL39	1	3885.00	Vane Assembly, HPT,	2A1252CL39	(1) (B) (C)
(72-45-24)			Stage 2	(02-438)	
2A3252CL40	1	3885.00	Vane Assembly, HPT,	2A1252CL40	(1) (B) (C)
(72-45-24)			Stage 2	(02-439)	
2A3252CL41	1	3885.00	Vane Assembly, HPT,	2A1252CL41	(1) (B) (C)
(72-45-24)			Stage 2	(02-440)	

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H. Instruction/Disposition Code Statements:

- (1) Old and new parts are freely and fully interchangeable, both physically and functionally.
- (A) New part will be supplied in classes 21 through 41, as required.
- (B) New part is currently available.
- (C) Old part will continue to be supplied until existing supplies are exhausted.

NOTE: The estimated 1996 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

V2500-ENG-70-0445