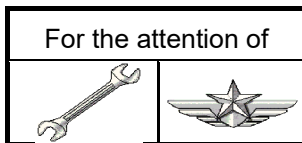


Information Notice

SUBJECT: INDICATING AND RECORDING SYSTEMS

Interchangeability of VEMD/CAD equipment according to OG/NG and NVG capabilities



AIRCRAFT CONCERNED	Version(s)	
	Civil	Military
EC155	B , B1	
AS350	B2 , B3	
AS355	NP	
AS550		C3
EC130	B4 , T2	

Revision 2: Addition of a software configuration matrix for the VEMD/CAD couple
 VEMD NG applicability added to AS550 C3

With this Information Notice (IN), Airbus Helicopters informs about the interchangeability in the cockpit between non-NVG VEMD and NVG VEMD, between NVG VEMD and NVG VEMD, and interchangeability of the couples of VEMD / CAD (non-NVG / NVG) and VEMD / CAD (NVG) on EC155 helicopters.

The main difference between an NVG VEMD and a non-NVG VEMD is the color of the keyboard backlight, which is white on the non-NVG VEMD and green on the NVG VEMD.

This information will be integrated in the Illustrated Parts Catalog (IPC) and published with one of the next revisions.

The following tables show the interchangeability levels (one way or two ways) of the previous (“WAS”) PN with the new (“IS”) PN on the dedicated non-NVG HC type and the variant that is not equipped with an NVG VEMD / VEMD&/CAD.

- Table 1: AS350 B2
- Table 2: AS355 NP
- Table 3: AS350 B3 / EC130 B4
- Table 4: AS550 C-3
- Table 5: EC130 T2
- Table 6: AS350 B3 / B3e
- Table 7: EC155 B / B1
- Table 8: VEMD & CAD SW configuration

Note:

1. Interchangeability of equipment with a higher software version is allowed only one way.
2. One-way interchangeability does not preclude returning to the previously installed and certified configuration.
3. EC155: VEMD and CAD must be equipped with the same software version.
4. EC155: VEMD and CAD must have the same lighting conditions: both non-NVG or both NVG. It is not allowed to mix equipment with different lighting.

H/C	Equip-ment	Interchangeability		Interchangeability		Condition
		P/N (WAS)		P/N (IS)		
AS350 B2	VEMD	B35000AA01 704A47270185	OG, non NVG	B35000BC02 704A47270242	NG, NVG	Interchangeability (one way) is allowed
		B35000BA01 704A47270186	OG, NVG	B35000BC02 704A47270242	NG, NVG	Interchangeability (one way) is allowed

Table 1: Information on VEMD AS350 B2

H/C	Equip-ment	Interchangeability		Interchangeability		Condition
		P/N (WAS)		P/N (IS)		
AS355 NP	VEMD	B35000CA01 704A47270193	OG, non NVG	B35000DA01 704A47270192	OG, NVG	Interchangeability (one way) is allowed
		B35000CA01 704A47270193	OG, non NVG	B35000DC02 704A47270240	NG, NVG	Interchangeability (one way) is allowed
		B35000DA01 704A47270192	OG, NVG	B35000DC02 704A47270240	NG, NVG	Interchangeability (one way) is allowed

Table 2: Information on VEMD AS355 NP

H/C	Equip-ment	Interchangeability		Interchangeability		Condition
		P/N (WAS)	DU impacted	P/N (IS)	DU impacted	
AS350 B3 / EC130 B4	VEMD	B19030MD03 704A47270172	OG, non NVG	B19030SB02 704A47270173	OG, NVG	Interchangeability (one way) is allowed
		B19030MC04 704A47270190	OG, non NVG	B19030SB04 704A47270189	OG, NVG	Interchangeability (one way) is allowed
		B19030MD04 704A47270188	OG, non NVG	B19030SB04 704A47270189	OG, NVG	Interchangeability (one way) is allowed
		B19030MC05 704A47270195	OG, non NVG	B19030SB05 704A47270197	OG, NVG	Interchangeability (one way) is allowed
		B19030MD05 704A47270194	OG, non NVG	B19030SB05 704A47270197	OG, NVG	Interchangeability (one way) is allowed
		B19030MC05 704A47270195	OG, non NVG	B19030SD06 704A47270237	NG, NVG	Interchangeability (one way) is allowed
		B19030MD05 704A47270194	OG, non NVG	B19030SD06 704A47270237	NG, NVG	Interchangeability (one way) is allowed
		B19030SB05 704A47270197	OG, NVG	B19030SD06 704A47270237	NG, NVG	Interchangeability (one way) is allowed
		B19030SA05 704A47270196	OG, NVG	B19030SD06 704A47270237	NG, NVG	Interchangeability (one way) is allowed

Table 3: Information on VEMD AS350 B3 / EC130 B4

No. 3652-I-31

H/C	Equip-ment	Inter-changeability P/N (WAS)		Inter-changeability P/N (IS)		Condition
AS550 C-3	VEMD	B19030SA05 704A47270196	OG, NVG	B19030SD06 704A47270237	NG, NVG	Interchangeability (one way) is allowed
		B19030SB05 704A47270197	OG, NVG	B19030SD06 704A47270237	NG, NVG	Interchangeability (one way) is allowed
Table 4: Information on VEMD AS550 C-3						

H/C	Equip-ment	Interchangeability P/N (WAS)		Interchangeability P/N (IS)		Condition
EC130 T2	VEMD	B35000GA01 704A47270214	OG, non NVG	B35000HA01 704A47270215	OG, NVG	Interchangeability (one way) is allowed
		B35000GA01 704A47270214	OG, non NVG	B35000HC02 704A47270236	NG, NVG	Interchangeability (one way) is allowed
		B35000HA01 704A47270215	OG, NVG	B35000HC02 704A47270236	NG, NVG	Interchangeability (one way) is allowed
Table 5: Information on VEMD EC130 T2						

H/C	Equip-ment	Interchangeability P/N (WAS)		Interchangeability P/N (IS)		Condition
AS350 B3 / B3e	VEMD	B35000EA01 704A4720209	OG, non NVG	B35000FA01 704A4720210	OG, NVG	AS350B3e / H125 Interchangeability (one way) is allowed
		B35000EA03 704A4720219	OG, non NVG	B35000FA03 704A4720218	OG, NVG	AS350B3e / H125 Interchangeability (one way) is allowed
		B35000EA03 704A4720219	OG, non NVG	B35000FC03 704A4720241	NG, NVG	AS350B3e / H125 Interchangeability (one way) is allowed
		B35000EA04 704A4720248	OG, non NVG	B35000FC04 704A4720246	NG, NVG	H125 Power Interchangeability (one way) is allowed
		B35000EA04 704A4720248	OG, non NVG	B35000FA04 704A4720247	OG, NVG	H125 Power Interchangeability (one way) is allowed
		B35000FA03 704A4720218	OG, NVG	B35000FC03 704A4720241	NG, NVG	AS350B3e / H125 Interchangeability (one way) is allowed
		B35000FA04 704A4720247	OG, NVG	B35000FC04 704A4720246	NG, NVG	H125 Power Interchangeability (one way) is allowed

Table 6: Information on VEMD AS350 B3 / AS350 B3e

H/C	Equip-ment	Interchangeability				Interchangeability			Condition	
		VEMD (WAS)		CAD (WAS)		VEMD (IS)		CAD		
EC155 B1	VEMD / CAD	B19030HB04 704A47270174	OG, non NVG	C19243CB04 704A47270175	OG, non NVG	B19030LC04 704A47270180	OG, NVG	C19243DC04 704A47270182	OG, NVG	Interchangeability as a couple (one way) is allowed. Table 8 shows the configuration file to be associated with the VEMD/CAD.
		B19030HB04 704A47270174	OG, non NVG	C19243CB04 704A47270175	OG, non NVG	B19030LE04 704A47270238	NG, NVG	C19243DC04 704A47270182	OG, NVG	Interchangeability as a couple (one way) is allowed. Mixability between OG and NG is allowed. Table 8 shows the configuration file to be associated with the VEMD/CAD.
		B19030HC04 704A47270179	OG, non NVG	C19243CC04 704A47270181	OG, non NVG	B19030LC04 704A47270180	OG, NVG	C19243DC04 704A47270182	OG, NVG	Interchangeability as a couple (one way) is allowed. Table 8 shows the configuration file to be associated with the VEMD/CAD.
		B19030HC04 704A47270179	OG, non NVG	C19243CC04 704A47270181	OG, non NVG	B19030LE04 704A47270238	NG, NVG	C19243DC04 704A47270182	OG, NVG	Interchangeability as a couple (one way) is allowed. Mixability between OG and NG is allowed. Table 8 shows the configuration file to be associated with the VEMD/CAD.
EC155 B / B1	VEMD	B19030LB04 704A47270176	OG, NVG			B19030LE04 704A47270238	NG, NVG			Interchangeability (one way) is allowed. Mixability between OG and NG is allowed.
		B19030LC04 704A47270180	OG, NVG			B19030LE04 704A47270238	NG, NVG			Interchangeability (one way) is allowed. Mixability between OG and NG is allowed.
Table 7: Information on VEMD / CAD - EC155 B / B1										

WAS					IS				
NVG/Non NVG Config	If such VEMD reference?		If such CAD reference?		NVG/Non NVG Config	VEMD		CAD	
	HW	SW conf	HW	SW conf		HW	SW conf	HW	SW conf
Non NVG	704A47270174	707A49438100	704A47270175	707A49438153	704A47270180	707A49438210	704A47270182	707A49438213	707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438213					707A49438213
Non NVG				707A49438383					707A49438383
Non NVG				707A49439248					707A49439248
Non NVG		707A49438210	704A47270175	707A49438153					707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438213					707A49438213
Non NVG				707A49438383					707A49438383
Non NVG				707A49439248					707A49439248
Non NVG		707A49439250	704A47270175	707A49438153					707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438213					707A49438213
Non NVG				707A49438383					707A49438383
Non NVG				707A49439248					707A49439248

Table 8: VEMD & CAD SW configuration

WAS					IS				
NVG/Non NVG Config	If such VEMD reference?		If such CAD reference?		NVG/Non NVG Config	VEMD		CAD	
	HW	SW conf	HW	SW conf		HW	SW conf	HW	SW conf
Non NVG	704A47270174	707A49438100	704A47270175	707A49438153	704A47270238	707A49438100	704A47270182	707A49438153	
Non NVG				707A49438192					707A49438192
Non NVG				707A49438213					707A49438213
Non NVG				707A49438383					707A49438383
Non NVG				707A49439248					707A49439248
Non NVG		707A49438210	704A47270175	707A49438153					707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438213					707A49438213
Non NVG				707A49438383					707A49438383
Non NVG				707A49439248					707A49439248
Non NVG		707A49439250	704A47270175	707A49438153					707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438213					707A49438213
Non NVG				707A49438383					707A49438383
Non NVG				707A49439248					707A49439248

Table 8: VEMD & CAD SW configuration

WAS					IS				
NVG/Non NVG Config	If such VEMD reference?		If such CAD reference?		NVG/Non NVG Config	VEMD		CAD	
	HW	SW conf	HW	SW conf		HW	SW conf	HW	SW conf
Non NVG	704A49438100	704A47270181		707A49438153	NVG	707A49438100	704A47270182		707A49438153
Non NVG				707A49438192	NVG				707A49438192
Non NVG				707A49438383	NVG				707A49438383
Non NVG				707A49438409	NVG				707A49438409
Non NVG				707A49439248	NVG				707A49439248
Non NVG	704A49438133	704A47270181		707A49438153	NVG	707A49438133	704A47270182		707A49438153
Non NVG				707A49438192	NVG				707A49438192
Non NVG				707A49438383	NVG				707A49438383
Non NVG				707A49438409	NVG				707A49438409
Non NVG				707A49439248	NVG				707A49439248
Non NVG	704A47270179	704A47270181		707A49438153	NVG	704A47270180	704A47270182		707A49438153
Non NVG				707A49438192	NVG				707A49438192
Non NVG				707A49438383	NVG				707A49438383
Non NVG				707A49438409	NVG				707A49438409
Non NVG				707A49439248	NVG				707A49439248
Non NVG	707A49438210	704A47270181		707A49438153	NVG	707A49438210	704A47270182		707A49438153
Non NVG				707A49438192	NVG				707A49438192
Non NVG				707A49438383	NVG				707A49438383
Non NVG				707A49438409	NVG				707A49438409
Non NVG				707A49439248	NVG				707A49439248
Non NVG	707A49439250	704A47270181		707A49438153	NVG	707A49439250	704A47270182		707A49438153
Non NVG				707A49438192	NVG				707A49438192
Non NVG				707A49438383	NVG				707A49438383
Non NVG				707A49438409	NVG				707A49438409
Non NVG				707A49439248	NVG				707A49439248

Table 8: VEMD & CAD SW configuration

WAS					IS				
NVG/Non NVG Config	If such VEMD reference?		If such CAD reference?		NVG/Non NVG Config	VEMD		CAD	
	HW	SW conf	HW	SW conf		HW	SW conf	HW	SW conf
Non NVG	704A47270179	707A49438100	704A47270181	707A49438153	704A47270238				707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438383					707A49438383
Non NVG				707A49438409					707A49438409
Non NVG				707A49439248					707A49439248
Non NVG		707A49438133	704A47270181	707A49438153					707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438383					707A49438383
Non NVG				707A49438409					707A49438409
Non NVG				707A49439248					707A49439248
Non NVG		707A49438210	704A47270181	707A49438153					707A49438153
Non NVG				707A49438192					707A49438192
Non NVG				707A49438383					707A49438383
Non NVG				707A49438409					707A49438409
Non NVG				707A49439248					707A49439248
Non NVG	707A49439250	704A47270181	707A49438153	707A49438153					
Non NVG			707A49438192	707A49438192					
Non NVG			707A49438383	707A49438383					
Non NVG			707A49438409	707A49438409					
Non NVG			707A49439248	707A49439248					

Table 8: VEMD & CAD SW configuration

WAS					IS				
NVG/Non NVG Config	If such VEMD reference?		If such CAD reference?		NVG/Non NVG Config	VEMD		CAD	
	HW	SW conf	HW	SW conf		HW	SW conf	HW	SW conf
NVG	704A47270176	707A49438100	N/A because CAD is already NVG		NVG	704A47270238	707A49438100	N/A because CAD is already NVG	
NVG		707A49438193			NVG		707A49438193		
NVG		707A49438210			NVG		707A49438210		
NVG		707A49439250			NVG		707A49439250		
NVG		707A49439394			NVG		707A49439394		
NVG	704A47270180	707A49438100	N/A because CAD is already NVG		NVG	704A47270238	707A49438100	N/A because CAD is already NVG	
NVG		707A49438133			NVG		707A49438133		
NVG		707A49438210			NVG		707A49438210		
NVG		707A49439250			NVG		707A49439250		
NVG		707A49439394			NVG		707A49439394		

Table 8: VEMD & CAD SW configuration