Table of visual and view-room checks

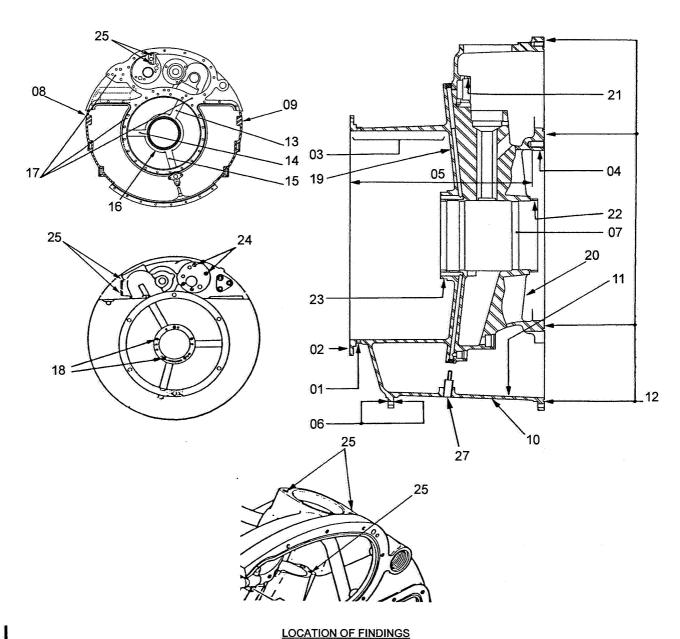
A. AIR INTAKE CASING

ITEM: 0522

REMARKS: "Magnesium" version (pre-mod. TU82)

FIGURE: 301

LOCA	FINDINGS	CODE	CRITERIA	REP.	О/Н	ACTION
01	Corrosion	083	Any value	x	x	SP-0522-04 SP-0522-03
	Dimension beyond maxi. Criteria	109	Diameter > 7 mm		x	SP-0522-07
02	Corrosion	083	Depth < 1 mm	x	x	SP-0522-04 SP-0522-03
			Depth > 1 mm	x	x	RP-0522-03 SP-0522-03
03	Corrosion	083	Depth ≤ 2 mm	x	х	SP-0522-04 SP-0522-03
04	Corrosion	083	Max. depth 1 mm, continuous over 90° of circumference	×		SP-0522-04 SP-0522-03
			Max. depth 3 mm, continuous over 120° of circumference	×	х	RP-0522-03 SP-0522-03
05	Corrosion	083	Depth ≤ 2 mm	x	х	SP-0522-04 SP-0522-03
06	Corrosion	083	Maximum total depth of both faces = ½ flange	x	х	SP-0522-04 SP-0522-03
07	Contact wear	184	Diameter within tolerances	x	х	Chromating with pad CTB Task 70-41-76-330)
07	Dimension beyond maxi. Criteria	109	Diameter > 91.022 mm	x	×	RP-0522-01



- 01 Bottom attachment of cleaning manifold
- 02 Front face of front flange
- 03 Air path front zone
- 04 Counter-casing centering piece
- 05 Air path
- 06 Front engine mount fixing tab
- 07 Rear centering of complete hub
- 08 Outer casing, LH side
- 09 Outer casing, RH side
- 10 Outer casing, bottom point 11 - Inner casing, rear zone bottom point
- 12 Inner edge of rear flange rear face
- 13 Upper strut profile

- 14 RH strut profile
- 15 Lower strut profile
- 16 Outside of hub
- 17 Front and rear sealing faces
- 18 Thread insert tapping 5 x 0.80
- 19 Upper strut leading edge
- 20 Strut trailing edge
- 21 Housing of bearing "6001" 22 Seal recess (CA 38066)
- 23 Inlet cone centering
- 24 Thread insert tapping 7 x 1.00
- 25 Thread insert tapping 5 x 0.80
- 26 Not used
- 27 Shank end screw

Figure 301 - Inspection of air intake casing pre-mod. TU82

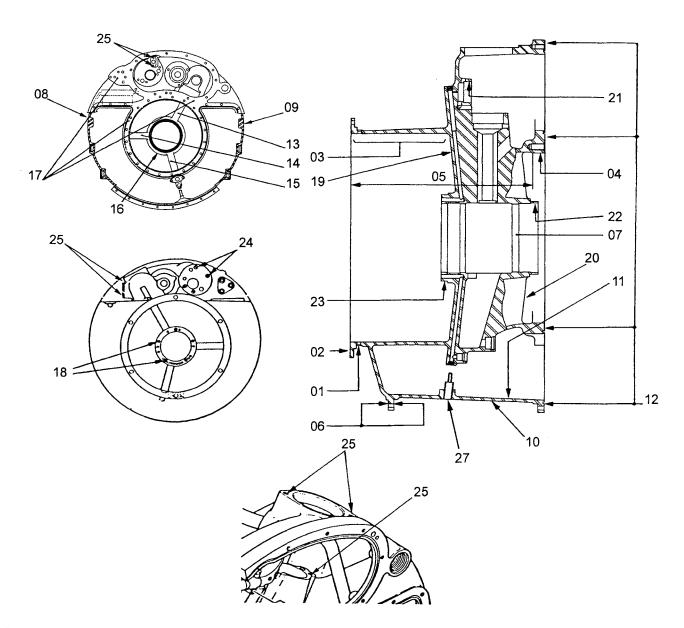
A. AIR INTAKE CASING (continued)

ITEM: 0522

REMARKS: "Magnesium" version (pre-mod. TU82)

FIGURE: 301

	LOCA	FINDINGS	CODE	CRITERIA	REP.	О/Н	ACTION			
	08	Paint flaking	509	With no traces of corrosion	x	×	SP-0522-03			
A STATE OF THE PARTY OF THE PAR				With traces of corrosion	x	×	SP-0522-04 + SP-0522-03			
	09	Paint flaking	509	With no traces of corrosion	×	x	SP-0522-03			
				With traces of corrosion	х	х	SP-0522-04 + SP-0522-03			
	10	Paint flaking	509	With no traces of corrosion	x	х	SP-0522-03			
				With traces of corrosion	x	x	SP-0522-04 + SP-0522-03			
	11	Corrosion	083	Max. depth: ½ thickness	x	х	SP-0522-04 + SP-0522-03			
		Paint flaking	509	With no traces of corrosion	x	X	SP-0522-03			
				With traces of corrosion	x	×	SP-0522-04 + SP-0522-03			
	12	Corrosion	083	Any value	×	х	Smoothing/trimming + chromate treatment with pad (CTB Task 70-41-76-330)			
Action to the second second	13	Corrosion	083	Max. depth = 2 mm	x	×	SP-0522-04 + SP-0522-03			
Act (1900) and a company of	14	Corrosion	083	Max depth = 2 mm	x	×	SP-0522-04 + SP-0522-03			
appropriate the second	15	Corrosion	083	Max depth = 2 mm	x	×	SP-0522-04 + SP-0522-03			
1										
-	:		1	l l	1	l	1			



- 01 Bottom attachment of cleaning manifold
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- 05 Air path
- 06 Front engine mount fixing tab
- 07 Rear centering of complete hub
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- 09 Outer casing, RH side
- 10 Outer casing, bottom point
- 11 Inner casing, rear zone bottom point
- 12 Inner edge of rear flange rear face
- 13 Upper strut profile
- 14 RH strut profile

- 15 Lower strut profile
- 16 Outside of hub
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- 18 Thread insert tapping 5 x 0.80
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- 20 Strut trailing edge
- 21 Housing of bearing "6001" 22 Seal recess (CA 38066)
- 23 Inlet cone centering
- 24 Thread insert tapping 7 x 1.00
- 25 Thread insert tapping 5×0.80
- 26 Not used
- 27 Shank end screw

Figure 301 - Inspection of air intake casing pre-mod. TU82

A. AIR INTAKE CASING (Continued)

ITEM: 0522

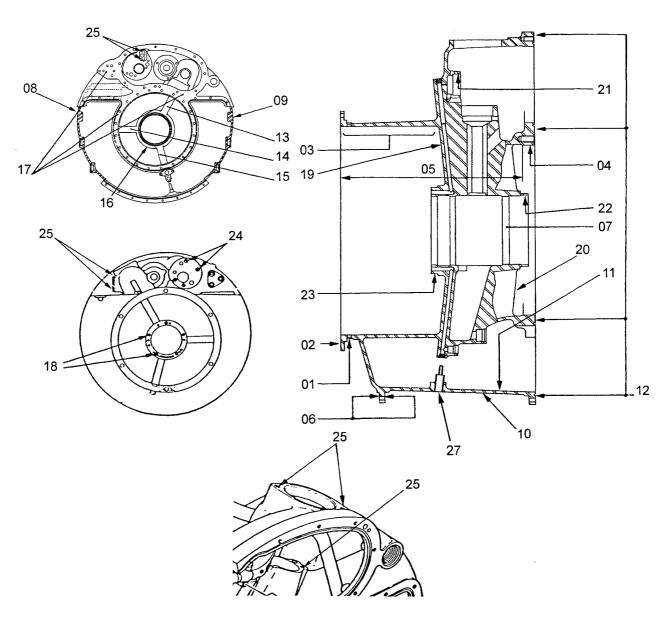
REMARKS: "Magnesium" version (pre-mod. TU82)

FIGURE: 301

HEALTH INSPECTION: CTB Task 70-30-53-230-801 (W2), Crack = Rejection

LOCA	FINDINGS	CODE	CRITERIA	REP.	O/H	ACTION
16	Corrosion	083	Max. depth = 2 mm	x	×	SP-0522-04 + SP-0522-03
17	Flaking	509	If sealing is uncertain	x	x	SP-0522-06
18	Stripping	516	If thread insert only	×	×	SP-0522-05
			If casing damaged	x	x	RP-0522-04
19	Corrosion	083	Maximum depth = 2 mm	x	x	SP-0522-04 + SP-0522-03
			Depth > 2 mm	x	x	Rejection
20	Corrosion	083	Maximum depth = 2 mm	х	x	SP-0522-04 + SP-0522-03
			Depth > 2 mm	x	x	Rejection
21	Dimension beyond maxi.	109	Any value	×	x	RP-0522-07
	Criteria		(theoretical ∅ 28 ^{+ 0.002} _{- 0.011})			
			l odified according to CA 38066, it is po 6 - Refer to page 1400 of this chapter.	ssible to mo	odify it	
22	Corrosion	083	Any extent	x	x	RP-0522-09
23	Corrosion	083	Any extent	x	x	RP-0522-08
24	Stripping	516	If thread insert only is damaged	x	x	SP-0522-05
			If casing damaged	х	×	RP-0522-10
25	Stripping	516	If thread insert only is damaged	x	x	SP-0522-05
:			If casing damaged	x	X	RP-0522-04

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- 01 Bottom attachment of cleaning manifold
- 02 Front face of front flange
- 03 Air path front zone
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- 05 Air path
- 06 Front engine mount fixing tab
- 07 Rear centering of complete hub 08 Outer casing, LH side
- 09 Outer casing, RH side
- 10 Outer casing, bottom point
- 11 Inner casing, rear zone bottom point
- 12 Inner edge of rear flange rear face
- 13 Upper strut profile
- 14 RH strut profile

- 15 Lower strut profile
- 16 Outside of hub
- 17 Front and rear sealing faces
- 18 Thread insert tapping 5 x 0.80
- 19 Upper strut leading edge
- 20 Strut trailing edge
- 21 Housing of bearing "6001"
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- 23 Inlet cone centering
- 24 Thread insert tapping 7 x 1.00
- 25 Thread insert tapping 5 x 0.80
- 26 Not used
- 27 Shank end screw

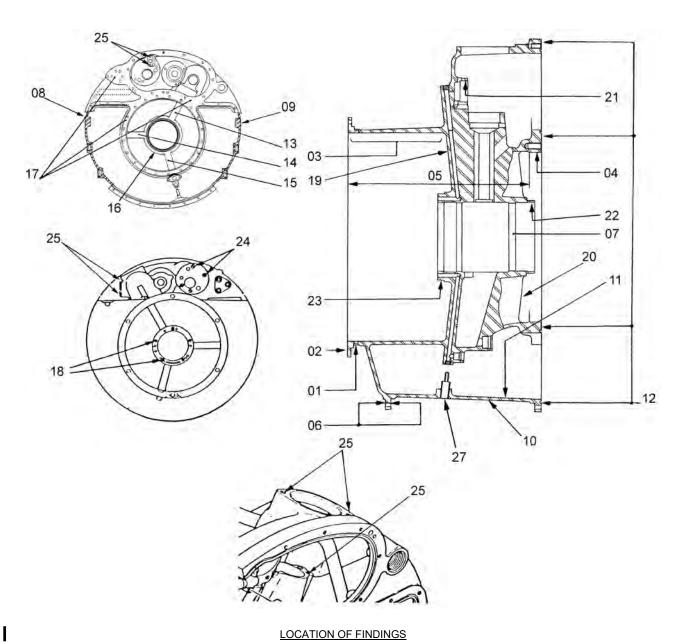
Figure 301 - Inspection of air intake casing pre-mod. TU82

A. AIR INTAKE CASING (Continued) ITEM: 0522

REMARKS: "Magnesium" version (pre-mod. TU82) FIGURE: 301

OCA	FINDINGS	CODE	CRITERIA	REP.	О/Н	ACTION
26	- Not used -					
27	Separated	736	Any value	x	x	RP-0522-15
	Breakage	052	Any value	х	х	RP-0522-15
						,

OVERHAUL MANUAL



- 01 Bottom attachment of cleaning manifold
- 02 Front face of front flange
- 03 Air path front zone
- 04 Counter-casing centering piece
- 05 Air path
- 06 Front engine mount fixing tab
- 07 Rear centering of complete hub
- 08 Outer casing, LH side 09 Outer casing, RH side
- 10 Outer casing, bottom point
 11 Inner casing, rear zone bottom point
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- 23 Inlet cone centering
- 24 Thread insert tapping 7 x 1.00
- 25 Thread insert tapping 5 x 0.80
- 26 Not used
- 27 Shank end screw

Figure 301 - Inspection of air intake casing pre-mod. TU82

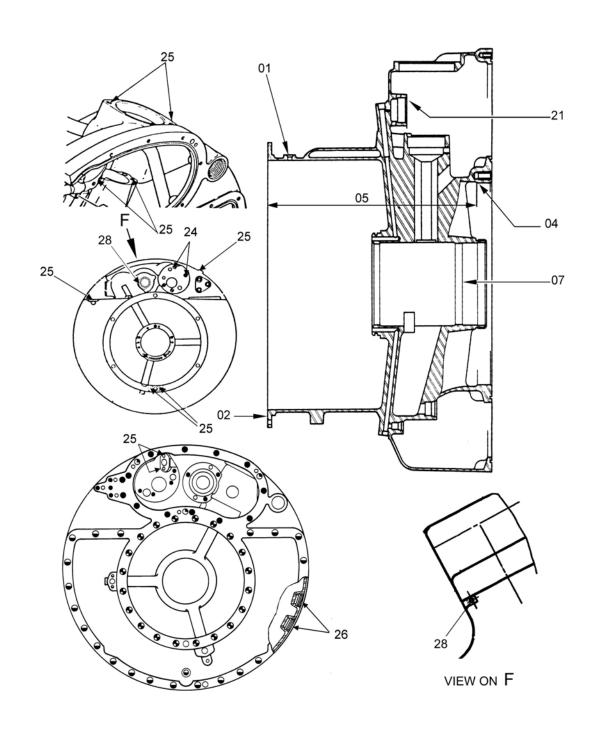
OVERHAUL MANUAL

B. AIR INTAKE CASING ITEM: A522

REMARKS: "Aluminium" version TU82 FIGURE: 301F

					O/H	ACTION
	Dimension beyond maxi. Criteria	109	Diameter > 7 mm		х	SP-0522-07
02	Corrosion	083	Corrosion depth ≤ 0.2 mm	x	х	Acceptable after chemical conversion (Refer to CTB Task 70-41-56-330-801)
			If more than this limit	x	х	Quarantine
(Chafing	184	Depth ≤ 0.2 mm	x	х	SP-A522-01
			Depth > 0.2 mm	х	х	Quarantine
04	Perpendicularity	415	Air path continuity (air intake casing/counter-casing) ensured Air path continuity not ensured	x	x	Acceptable as such SI 41778 Refer to Chapter 72-01-20, page 1400
04	Corrosion	083	Any extent	x	х	SP-A522-14 + RP-A522-13
05	Peened	433	Max. depth 0.5 mm	х	х	SP-A522-01
07	Chafing	184	Diameter within tolerances	X	x	Chromic acid anodisation with a pad (CTB Task 70-41-56-330-801)
			Diameter > 91.022 mm	х	х	RP-A522-12
	Dimension beyond maxi. Criteria	109	Any extent	x	х	RP-A522-07
24	Stripping	516	If thread insert only is damaged	x	х	SP-0522-05
			If casing damaged	x	х	RP-0522-10
25	Stripping	516	If thread insert only is damaged	х	х	SP-0522-05
			If casing damaged	х	х	RP-0522-04
26	Flaking	510	Any extent	x	х	SP-A522-12

OVERHAUL MANUAL



- 01 Cleaning manifold attaching hole 02 Front face of front flange
- 04 Counter-casing centering
- 05 Air path 07 Rear centring of complete hub

- 21 Housing of bearing "6001" 24 Tapping/helicoil 7 x 1.00 25 Tapping/helicoil 5 x 0.80 26 Bottom of oil level sight 28 Hole Ø1.2 mm for lockwire

Figure 301F - Inspection of air intake casing TU82

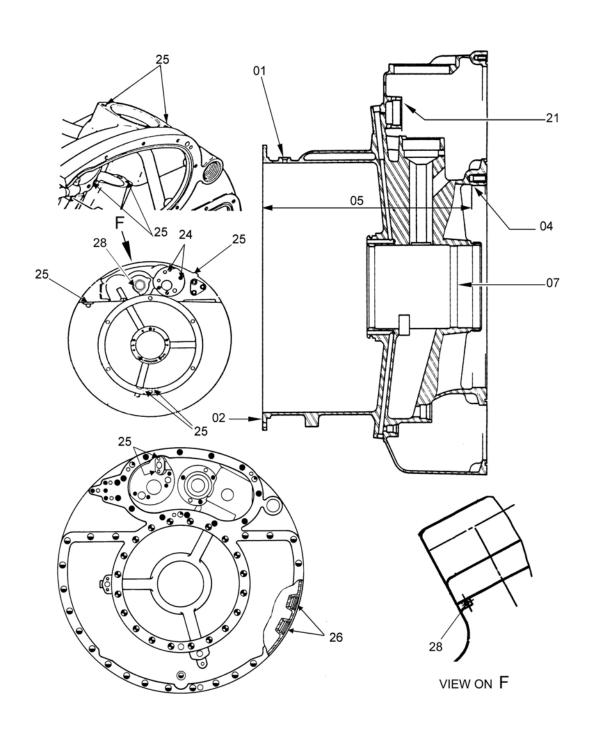
OVERHAUL MANUAL

B. AIR INTAKE CASING ITEM: A522

REMARKS: "Aluminium" version TU82 FIGURE: 301F

LOCA	FINDINGS	CODE	CRITERIA		REP.	O/H	ACTION
28	Stripped	516	However stripped		x	X	Drill a through hole Ø1.2 mm adjacent the existing hole and obey a min. gauze thickness of 1 mm (Refer to Figure 301F) + chemical conversion (Refer to CTB Task 70-41-56 330-801)

OVERHAUL MANUAL



- 01 Cleaning manifold attaching hole 02 Front face of front flange
- 04 Counter-casing centering
- 05 Air path 07 Rear centring of complete hub
- 21 Housing of bearing "6001" 24 Tapping/helicoil 7 x 1.00

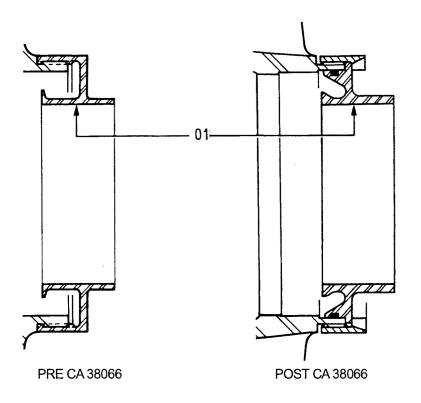
- 25 Tapping/helicoil 5 x 0.80 26 Bottom of oil level sight 28 Hole Ø1.2 mm for lockwire

Figure 301F - Inspection of air intake casing TU82

OVERHAUL MANUAL

C. AXIAL COMPRESSOR FRONT LABYRINTH RING	ITEM: B522
REMARKS:	FIGURE: 302

LOCA	FINDINGS	CODE	CRITERIA	REP.	O/H	ACTION
01	Rub	471	Depth ≤ 0.1 mm	х		Acceptable
			Depth > 0.1 mm	x		Rejection
			Any value		х	Rejection: systematically apply S.I. 38066

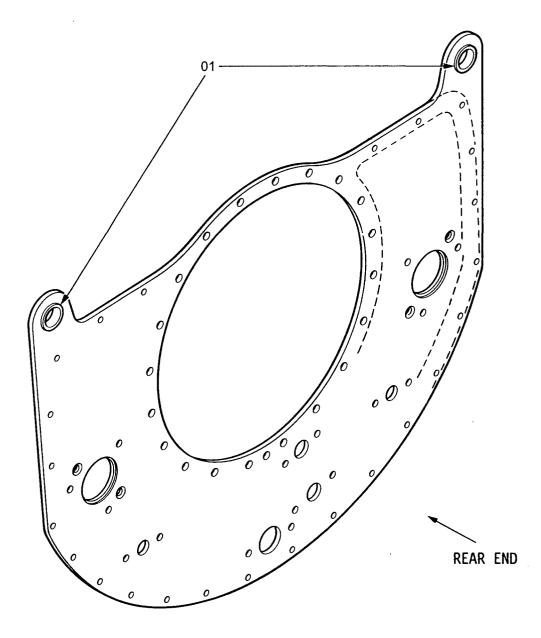


LOCATION OF FINDINGS
01 - Bore of labyrinth ring

Figure 302 - Inspection of axial compressor front labyrinth ring

D. CLOSING PLATE ITEM: 0675 **REMARKS:** FIGURE: 303

CA	FINDINGS	CODE	CRITERIA	REP	O/H	ACTION
01	Distorted (folding)	116	Plate not removed: max. fold angle = 15°	x		Acceptable
			Plate removed	×		SP-06 7 5-01
			Any value		x	SP-0675-01



LOCATION OF FINDINGS 01- Hoisting rings

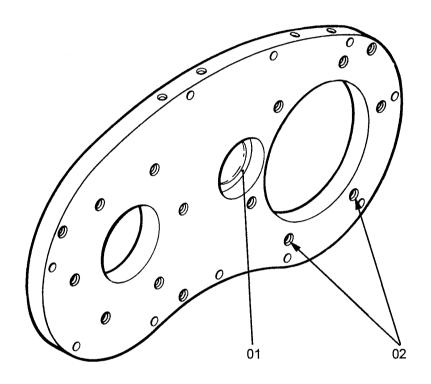
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Figure 303 - Inspection of closing plate

E. COMPLETE PLATE	ITEM: 0431
REMARKS:	FIGURE: 304

HEALTH INSPECTION: C.T.B. procedure 305 W2 - Crack = Rejection

LOCA	FINDINGS	CODE	CRITERIA		REP.	O/H	ACTION
01	Fretting	184	Depth ≤ 0.1 mm		х	х	SP-0431-01
			Depth > 0.1 mm		x	х	Rejection
02	Stripping	516	Any extent		x	x	SP-0431-02
							,
						•	
·							
				:			



LOCATION OF FINDINGS

01 - Bearing housing mating face 02 - Thread inserts

Figure 304 - Inspection of complete plate