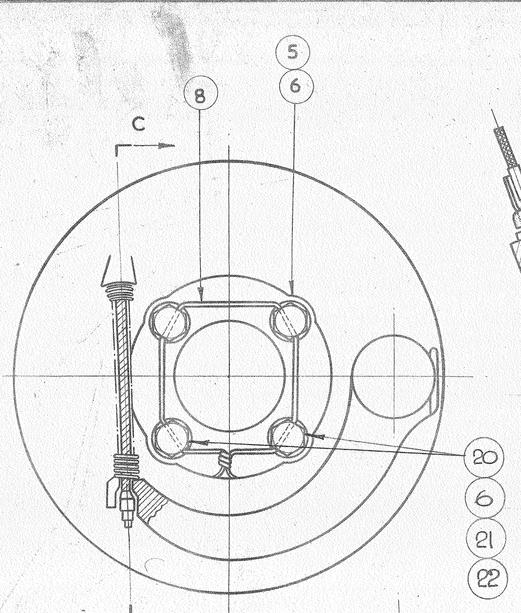
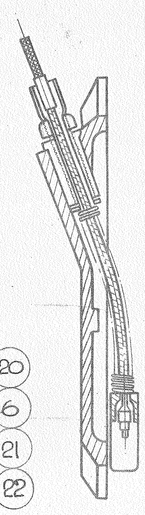
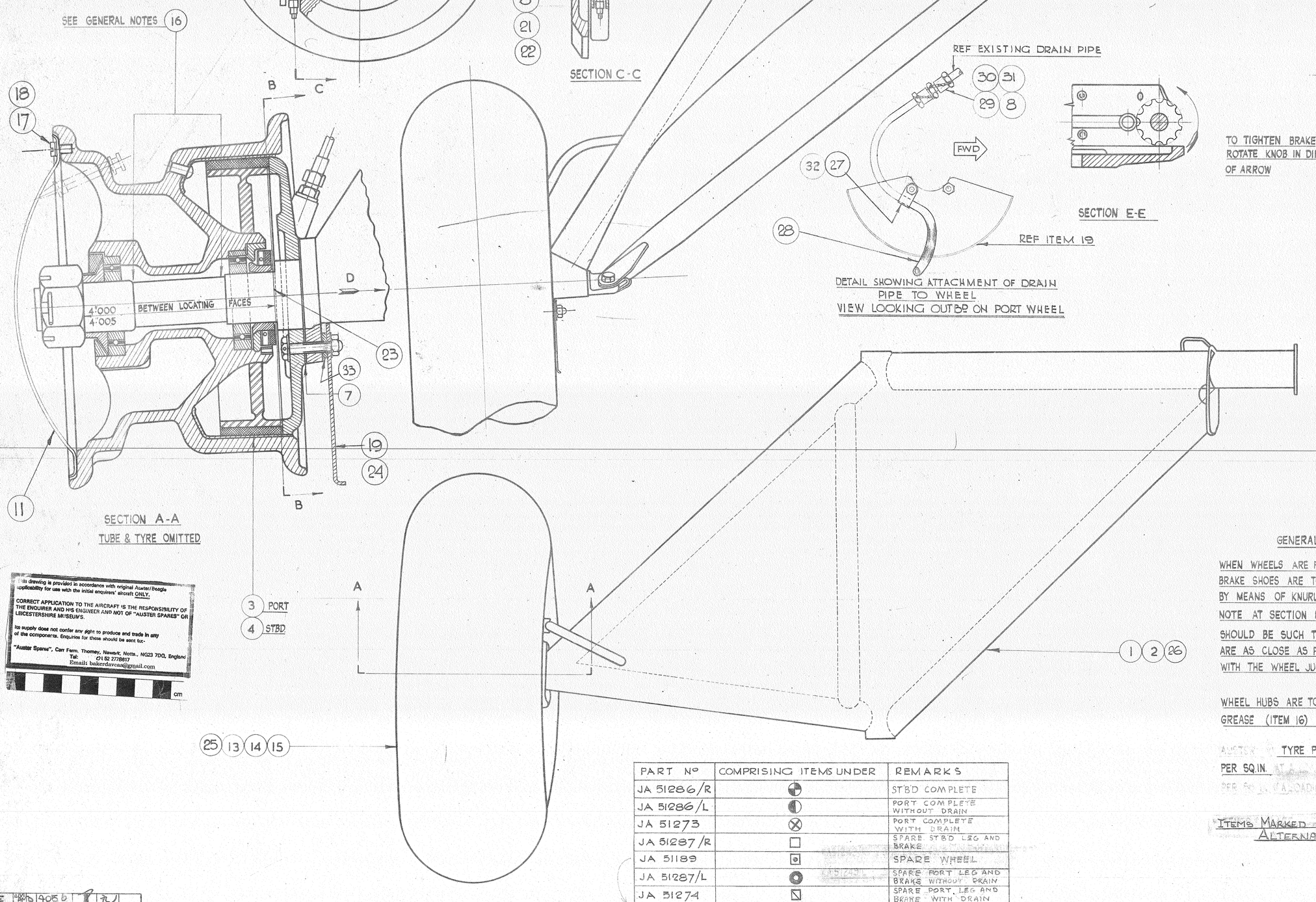
1. DO NOT SCALE DRAWING
2. ENGLISH PROJECTION IS USED UNLESS OTHERWISE STATED.
3. TOLERANCES ON DIMENSIONS ARE + OR −.01" UNLESS OTHERWISE STATED.
4. IF IN DOUBT ABOUT THIS DRAWING, RING DRAWING OFFICE BEFORE COMMENCING OPERATIONS.



SECTION B-B

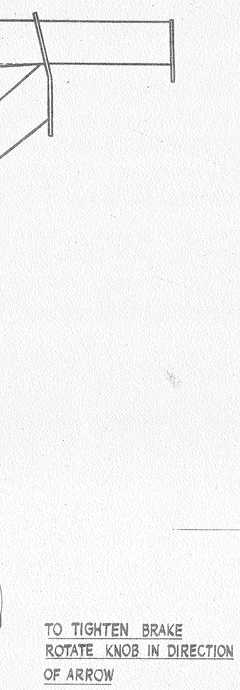
SHOWING METHOD OF LOCKING BRAKE ANCHOR PLATE RETAINING BOLTS ALSO ASSY OF CABLE TO BRAKE OPERATING LEVER.
BRAKE SHOES ARE OMITTED IN THIS SECTION.





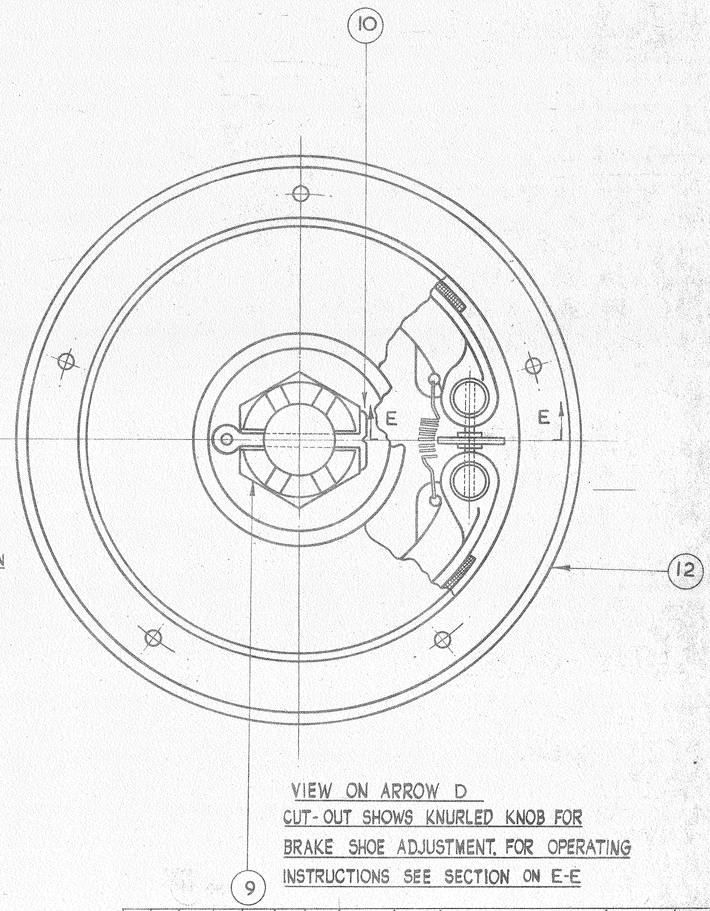
SECTION A-A
TUBE & TYRE OMITTED

DETAIL SHOWING ATTACHMENT OF DRAIN PIPE TO WHEEL
VIEW LOOKING OUTBD ON PORT WHEEL



SECTION E-E

TO TIGHTEN BRAKE ROTATE KNOB IN DIRECTION OF ARROW



VIEW ON ARROW D
CUT-OUT SHOWS KNURLED KNOB FOR BRAKE SHOE ADJUSTMENT. FOR OPERATING INSTRUCTIONS SEE SECTION ON E-E

GENERAL NOTES

WHEN WHEELS ARE FITTED TO AXLE BRAKE SHOES ARE TO BE ADJUSTED BY MEANS OF KNURLED KNOB - SEE NOTE AT SECTION E-E. ADJUSTMENT SHOULD BE SUCH THAT THE LININGS ARE AS CLOSE AS POSSIBLE TO THE DRUM WITH THE WHEEL JUST FREE TO REVOLVE.

WHEEL HUBS ARE TO BE PACKED WITH GREASE (ITEM 16) ON ASSY.

TYRE PRESSURE TO BE 25LB PER SQ.IN.

ITEMS MARKED THUS ARE ALTERNATIVES

PART Nº	COMPRISING ITEMS UNDER	REMARKS
JA 51286/R	◒	ST'BD COMPLETE
JA 51286/L	◐	PORT COMPLETE WITHOUT DRAIN
JA 51273	⊗	PORT COMPLETE WITH DRAIN
JA 51287/R	□	SPARE ST'BD LEG AND BRAKE
JA 51189	⊡	SPARE WHEEL
JA 51287/L	●	SPARE PORT LEG AND BRAKE WITHOUT DRAIN
JA 51274	⧅	SPARE PORT LEG AND BRAKE WITH DRAIN

											35
											34
2	2		2	2	2	2	½R	SP16E	WASHER		33
1	–	–	–	1	–	–	LH	J 51662	BOLT	AJE 372	32
2	–	–	–	2	–	–	LH	AGS 838/8	BUSH		31
2	–	–	–	2	–	–	LH	AGS 833/4	UNION NUT		30
1	–	–	–	1	–	–	LH	AGS 835/1	STRAIGHT UNION		29
1	–	–	–	1	–	–	LH	J 51282	TUBE ⅝"O/D x 20 SWG	L54	28
1	–	–	–	1	–	–	LH	J 51190	'P' CLIP	AJA 1718	27
1	–	–	–	1	–	–	LH	J 51272	FABRIC COVERED U/C	EJE 360	26
–	–	1	–	1	1	1	½R	*	DUNLOP COVER 6"×6½"	DUNLOP DN 3066	25
–	–	–	1	–	–	1	RH	J 51206/2	BRAKE OIL GUARD	AJE 343/R	24
–	–	–	–	AS REQ	AS REQ	AS REQ	½R	J 51046	SHIM	AJE 335	23
2	2	–	2	2	2	2	½R	A27/EP	NUT		22
2	2	–	2	2	2	2	½R	SP47/E	SPRING WASHER		21
1	2	–	2	1	2	2	½R	J 51367	BOLT	AJE 372	20
1	1	–	–	1	1	–	L/H	J 51206/1	BRAKE OIL GUARD	AJE 343/L	19
–	–	–	–	5	5	5	½R		SPECIAL WASHER	DUNLOP	18
–	–	–	–	5	5	5	½R	AGS 836	SCREW ⅞/32 DIA	DUNLOP	17
–	–	–	–	AS REQ	AS REQ	AS REQ	½R	STORES REF Nº 3431 & 4.8.63	GREASE	D.T.D 588	16
–	–	1	–	1	1	1	½R	*	DUNLOP COVER 6"×6½"	DUNLOP 1A-14	15
–	–	1	–	1	1	1	½R	*	DUNLOP COVER 6"×6½"	DUNLOP 1A-11	14
–	–	1	–	1	1	1	½R		DUNLOP TUBE 6·00 x 6½	DUNLOP 1A 8	13
–	–	1	–	1	1	1	½R		DUNLOP WHEEL	DUNLOP AH 8152	12
–	–	–	–	1	1	1	½R	J 50227	WHEEL DISC	EJE 43	11
1	1	–	1	1	1	1	½R	SP9/K16	SPLIT PIN		10
1	1	–	1	1	1	1	½R	A27/WS	NUT		9
AS REQ	AS REQ	–	AS REQ	AS REQ	AS REQ	AS REQ	½R		LOCKING WIRE 22G	DTD 189	8
1	1	–	1	1	1	1	½R	D506	PACKING WASHER	ADE 105	7
4	4	–	4	4	4	4	½R	SP14/E	WASHER		6
2	2	–	2	2	2	2	½R	G50076	BOLT	AGE 100	5
–	–	–	1	–	–	1	RH	BENDIX Pt. Nº A-871	BENDIX BRAKE ST'BD		4
1	1	–	–	1	1	–	LH	BENDIX Pt. Nº A870	BENDIX BRAKE PORT		3
–	1	–	–	–	1	–	LH	JA 51285/L	U/C FABRIC COVERED	EJE 360/L	2
ASSY. Nº's							R.H	JA 51285/R	U/C FABRIC COVERED	EJE 360/R	1
DJA881							HAND	PART Nº	DESCRIPTION	MATERIAL OR DRG. Nº	ITEM

ISSUE	MOD Nº	INTERNAL MOD Nº	INTERNAL CLOSE	APP.	R.T.O
E	CIVIL AMD	4058			
D	CIVIL AMD	3501			
C	CIVIL AMD	3339			
B	CIVIL AMD	3335			
A	CIVIL MOD	3318			

TYPE: CIVIL A/C J5 ETC.

SCALE: ½ & ¼	DRAWN: E.THACKER	CHECKED	TRACED
AUSTER AIRCRAFT LTD. REARSBY, LEICESTER.	STRESS APPROVAL E.V.H.	PART Nº SEE TABLE	TRACING CHECKED
TITLE: U/C BRAKES & WHEEL ASSY.	DESIGN APPROVAL R.E.B.	DRG. Nº EJE 361 ½	
	APPROVED A.T.O.		

This drawing is provided in accordance with original Auster/Beagle applicability for use with the initial enquirers' aircraft ONLY.

CORRECT APPLICATION TO THE AIRCRAFT IS THE RESPONSIBILITY OF THE ENQUIRER AND HIS ENGINEER AND NOT OF "AUSTER SPARES" OR LEICESTERSHIRE MUSEUMS.

Its supply does not confer any right to produce and trade in any of the components. Enquiries for these should be sent to:-

"Auster Spares", Carr Farm, Thorney, Newark, Notts., NG23 7DD, England
Tel: 01 52 777817
Email: bakerdavead@gmail.com

cm