



# NOMENCLATURE PIECES

## Part List

Project Reference  
**STC-022**

NP-STC-022

REV. 03

Rev. No	Rev. date	Description	Writer	Signature
00	15 Oct 2021	Initial Release	C.BERTELOOT	
01	22 Feb 2022	ADM change only: Brake line assy modification and STC Kit reference clarification.	C.BERTELOOT	
02	01 July 2022	Minor change to Master Cylinder connecting parts for technical improvement	C.BERTELOOT	
03	07 Feb 2023	Configuration correction	G.MASSON	

			BERINGER KIT description						
			Config 1	Config 2	Config 3	Config 4	Config 5	Config 6	
Model Cessna			182	182	182	182	180	180	
With Fairing			Yes	Yes	No	No	Yes	No	
Landing gear			TUB	Spring	TUB	Spring	Spring	Spring	
ASSY REF	ASSY Name	Qty	STC Kit reference						
AV-CESS-420	Braked wheel with Fairing	2	STC-022.1	-	-	STC-022.2	-	-	
AV-CESS-440	Master Cylinder	1		-	-		STC-022.1	-	-
AV-CESS-410.3	Long Master cylinder brake line	1		-	-		-	STC-022.2	-
AV-CESS-410.4	Short Master cylinder brake line	2		-	-	-	-	-	
AV-CESS-421	Braked wheel without Fairing	2	-	-	-	-	-		
AV-CESS-430	Nose wheel with Fairing	1	STC-022.3	-	-	-	-		
AV-CESS-431	Nose wheel without Fairing	1	-	-	STC-022.4	-	-		
AV-CESS-410.1	Tubular Landing gear brake line	2	STC-022.5	-	STC-022.5	-	-		
AV-CESS-410.2	Spring Landing gear brake line	2	-	STC-022.6	-	STC-022.6			
TP-006	SensAIR 6" Wheel / Roue 6"	2	Option						
TP-005	SensAIR 5" Wheel / Roue 5"	1	Option				-	-	
GB-001	Gear brake line bracket	2	-	-	Option	-	Option		



# NOMENCLATURE PIECES

## Part List

Project Reference  
**STC-022**

NP-STC-022

REV. 03

BERINGER Part Reference	Description	QTY
<b>AV-CESS-420 - Braked wheel with Fairing</b>		
NAS1149F0632P	Washer/Rondelle AN6 Std	1
L-V-003	Cotter Pin 3.2x50/Goupille fendue 3.2x50	1
ZPA02	Safety Wire/Fil à freiner	1
RDL-024.3	Ø31.8-Ø9.8 L=17_ Spacer / Entretoise	1
RDL-024.2	Ø31.8-Ø9.8 L=1_ Spacer / Entretoise	5
RDL-024.1	Ø31.8-Ø9.8 L=30_ Spacer / Entretoise	1
FUS-007.4	6.00x6" HE(AN6)_Axle/ Fusée	1
ECR-001	M35x1.5_Axle nut /Ecrou	1
BGE-017	AN6/8_Bushing / Bague	2
RF-006	6.00x6" HE_Wheel Assy./Roue freinée	1
EA-003.3N	2P32-6-9(Mineral)_Brake Caliper / Etrier De Frein	1
HYD-005B	Copper seal	2
HYD-003P	Banjo Bolt	1

<b>AV-CESS-421 - Braked wheel without Fairing</b>		
ZPA02	Safety Wire/Fil à freiner	1
L-V-003	Cotter Pin 3.2x50/Goupille fendue 3.2x50	1
ECR-001	M35x1.5_Axle nut /Ecrou	1
FUS-007.4	6.00x6" HE(AN6)_Axle/ Fusée	1
BGE-017	AN6/8_Bushing / Bague	2
RF-006	6.00x6" HE_Wheel Assy./Roue freinée	1
EA-003.3N	2P32-6-9(Mineral)_Brake Caliper / Etrier De Frein	1
BH-004	6"HE & 6"HL _Wheel Cap Assy / Assemblage Bouchon de Roue	1
HYD-005B	Copper seal	2
HYD-003P	Banjo Bolt	1



# NOMENCLATURE PIECES

## Part List

Project Reference  
**STC-022**

NP-STC-022

REV. 03

<b>AV-CESS-430 - Nose wheel with Fairing</b>		
RDL-023	5.00x5" HL(AXP-005.2)_Axle End / Embout de Fourche	2
BGE-052	5.00x5" HL(AXP-005.2)_Bearing Spacer / Entretoise Rlt	2
AXP-005.2	5.00x5" HL(L=6")_Nose Wheel Axle / Axe Roue AV	1
RA-014	5.00x5" HL (Ø25-30)_Nose Wheel Assy/ Roue Avant	1

<b>AV-CESS-431 - Nose wheel without Fairing</b>		
NAS1149F0516P	Washer AN5/Rondelle AN5 Fine	2
MS21044N-5	AN5_Self-locking Nut/ Ecrou NL	1
AN5-64A	AN5 (L=167.48)_Screw / Vis	1
RDL-023.1	5.00x5" HL(AXP-005.2)(Without Fairing)_Axle End / Embout de Fourche	2
BGE-052	5.00x5" HL(AXP-005.2)_Bearing Spacer / Entretoise Rlt	2
AXP-005.2	5.00x5" HL(L=6")_Nose Wheel Axle / Axe Roue AV	1
RA-014	5.00x5" HL (Ø25-30)_Nose Wheel Assy/ Roue Avant	1

<b>AV-CESS-440 - Master Cylinder</b>		
R-AP-008	M6_Washer / Rondelle	8
ZM-001	M6_Rod End / Rotule	2
NAS1149F0363P	AN3_Washer / Rondelle Epaisse	2
E-HB-002	M6_Low Nut Stainless Steel/ Ecrou bas Inox	2
HYD-005B	Copper Seal/ Joint cuivre	8
HYD-003P	M10x1_Banjo Bolt/ Vis Banjo	4
CHP-017	Female M8/M6_Master cylinder Extender / Prolongateur MC	2
CHP-015	PSM-004_Female Clevis/ Chape Femelle Longue	2
BGE-057	5.1x6x14_Bushing / Bague	2
RV-002N	Minéral 20ml (Sortie ext)_Integral Reservoir / Réservoir Intégral	1
RV-001N	Minéral 20 ml (Sortie Centrale)_Intégral Reservoir Assy / Reservoir Intégral	2
MP-003.12N	Master Cylinder 1/2" NBR(207)/ Maitre Cylindre 12.2 NBR	2



# NOMENCLATURE PIECES

## *Part List*

Project Reference  
**STC-022**

NP-STC-022

REV. 03

<b>Master cylinders &amp; Landing gear Brake lines &amp; Options</b>		
AV-CESS-410.1	Tubular Landing gear brake line	1
AV-CESS-410.2	Spring Landing gear brake line	1
AV-CESS-410.3	Long Master cylinder brake line	1
AV-CESS-410.4	Short Master cylinder brake line	1
ZGA01	Cushioned tube clamps	2
HYD-025D	Connector. -3 female to -4 male. 37 flare	1
HYD-079	Connector. -4 female to -3 male. 37 flare	2
TP-006	SensAIR 6" Wheel / Roue 6" (Option)	OPTION
TP-005	SensAIR 5" Wheel / Roue 5" (Option)	OPTION