
Bicycle – Scheduled maintenance lists

DMC: S1000DBIKE-AAA-D05-20-00-00AA-000A-A
Language: en/US
Issue No.: 007
Issue Date: 2012-12-31
Title: Bicycle – Scheduled maintenance lists
Security Classification: UNCLASSIFIED

Data Restrictions

Distribution: To be made available to all S1000D users.
Export Control: Export of this data module to all countries that are the residence of organizations that are users of S1000D is permitted. Storage of this data module is to be at the discretion of the organization.
Handling: There are no specific handling instructions for this data module.
Destruction: Users may destroy this data module in accordance with their own local procedures.
Disclosure: There are no dissemination limitations that apply to this data module.
Copyright: **Copyright (C) 2013** by each of the following organizations:

- AeroSpace and Defence Industries Associations of Europe - ASD.
- Ministries of Defence of the member countries of ASD.

Limitations of Liability:

- This material is provided "As Is" and neither ASD nor any person who has contributed to the creation, revision or maintenance of the material makes any representations or warranties, express or implied, including but not limited to, warranties of merchantability or fitness for any particular purpose.
- Neither ASD nor any person who has contributed to the creation, revision or maintenance of this material shall be liable for any direct, indirect, special or consequential damages or any other liability arising from any use of this material.
- Revisions to this document may occur after its issuance. The user is responsible for determining if revisions to the material contained in this document have occurred and are applicable.

Policy reference: TPSMG TOR 001

Conditions: There are no known conditions that would change the data restrictions for, or security classification of, this data module.

Responsible partner company: UK MoD /U8025

Originator: UK MoD /U8025

Applicability cross-reference table reference: [S1000DBIKE-AAA-D00-00-00-00AA-00WA-D](#)

Applicability: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Applicable to: Mountain bicycle
and (Mountain storm Mk1 or
Brook trekker Mk9)

S1000DBIKE-AAA-D05-20-00-00AA-000A-A

Technical standard: **Authority information:** 20010131
Authority baseline: Bike book
Authority exceptions:
Authority notes:

Brex data module reference: [S1000DBIKE-AAA-D00-00-00-00AA-022A-D](#)

QA: First verification Cleared Table Top

System breakdown code: BY

Reason for updating: Related CPF No. 2008-014AA
Requirement source reference

Reason for updating: Task Description - extension
2009-104AA

Reason for updating: tolerance value
2009-75DE

Bicycle

Scheduled maintenance lists

List of tasks

Task ident	Description
001	To do the pre-ride checks
002	To do the post-ride maintenance
003	Clean brake pads
004	Clean the chain
005	Clean the hub bearings

Table of contents

	Page
Scheduled maintenance lists	1
References	2
Task ident: 001	2
Task ident: 002	5
Task ident: 003	7
Task ident: 004	9
Task ident: 005	11

List of tables

1	References	2
2	Required conditions	2
3	Required persons	3
4	Support equipment	3
5	Consumables, materials and expendables	3
6	Spares	3
7	Required conditions	5
8	Required persons	5
9	Support equipment	5
10	Consumables, materials and expendables	5
11	Spares	5
12	Required conditions	7
13	Required persons	7
14	Support equipment	7
15	Consumables, materials and expendables	7
16	Spares	7
17	Required conditions	9
18	Required persons	9
19	Support equipment	9
20	Consumables, materials and expendables	9
21	Spares	10
22	Required conditions	11
23	Required persons	11

List of tables (Continued)

24	Support equipment	11
25	Consumables, materials and expendables	11
26	Spares	12

References*Table 1 References*

Data module / Technical publication	Title
S1000DBIKE-AAA-D00-00-00-00AA-121A-A	Bicycle – Pre-operation procedures (crew)
S1000DBIKE-AAA-D00-00-00-00AA-151A-A	Bicycle – Post-operation procedures (crew)
S1000DBIKE-AAA-DA1-10-00-00AA-251A-A	Brake pads – Clean with rubbing alcohol
S1000DBIKE-AAA-DA4-10-00-00AA-251B-A	Chain – Clean with chain cleaning fluid
S1000DBIKE-AAA-DA0-20-00-00AA-520A-A	Rear wheel – Remove procedures

Task ident: 001

Task code:..... General visual inspection (GVI)
 Worthiness limitation:..... Recommended
 Reduced maintenance:..... No
 Skill type:..... Airframe (AIRPL)
 Task description:..... To do the pre-ride checks

Requirement source

Source of requirement:..... MRB
 Approval:..... ap01

Source type

Code:..... stc51
 Source criticality:..... sc55

Preliminary requirements**Required conditions***Table 2 Required conditions*

Action / Condition	Data module / Technical publication
None	

S1000DBIKE-AAA-D05-20-00-00AA-000A-A

Applicable to: Mountain bicycle
 and (Mountain storm Mk1 or
 Brook trekker Mk9)

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Tire pressure gauge	MFR: KZ666 /PN: BSK-TLST-001-01	1 EA	
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

References

[S1000DBIKE-AAA-D00-00-00-00AA-121A-A](#)

Equipment

- Bicycle
MFR: KZ555 /PN: Bicycle-001

Limit

Perform once

Interval: 1 Day ± 1

Inspection type: Daily

Task ident: 002

Worthiness limitation:..... Recommended
 Reduced maintenance:..... No
 Task description:..... To do the post-ride maintenance

Preliminary requirements

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 8 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 9 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 10 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Table 11 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Applicable to: Mountain bicycle
 and (Mountain storm Mk1 or
 Brook trekker Mk9)

S1000DBIKE-AAA-D05-20-00-00AA-000A-A

Safety conditions

None

References

[S1000DBIKE-AAA-D00-00-00-00AA-151A-A](#)

Equipment

- Bicycle
MFR: KZ555 /PN: Bicycle-001

Limit

On condition
Condition: Dirty
1 Day ± 1
Inspection type: Daily

Task ident: 003

Worthiness limitation:..... Recommended
 Reduced maintenance:..... Yes
 Task description:..... Clean brake pads

Preliminary requirements

Required conditions

Table 12 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 13 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 14 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 15 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Rubbing alcohol	MFR: KZ222 /PN: LL-002	As required	

Spares

Table 16 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Applicable to: Mountain bicycle
 and (Mountain storm Mk1 or
 Brook trekker Mk9)

S1000DBIKE-AAA-D05-20-00-00AA-000A-A

Safety conditions

None

References

[S1000DBIKE-AAA-DA1-10-00-00AA-251A-A](#)

Equipment

- Brake pads
MFR: KT444 /PN: BR-PADS-001

Limit

Perform periodically
Inspection type: Monthly
Limit range:
from: 1 Month
to: 1 Month

Task ident: 004

Worthiness limitation:..... Recommended
 Reduced maintenance:..... Yes
 Task description:..... Clean the chain

Preliminary requirements

Required conditions

Table 17 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 18 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 19 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Stiff bristle brush	MFR: KZ666 /PN: BSK-TLST-001-02	1 EA	
Chain cleaning fluid	MFR: KZ222 /PN: LL-003	As required	
Chain cleaning tool	MFR: KZ666 /PN: BSK-TLST-001-03	1 EA	

Consumables, materials and expendables

Table 20 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Floor covering		As required	
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Table 21 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

References

[S1000DBIKE-AAA-DA4-10-00-00AA-251B-A](#)

[S1000DBIKE-AAA-D00-00-00-00AA-121A-A](#)

Equipment

- Chain
MFR: KZ555 /PN: Ch-001

Limit

Perform periodically

Condition: Dirty

1 Month

Inspection type: Monthly

Trigger event

[S1000DBIKE-AAA-D00-00-00-00AA-121A-A](#)

Task ident: 005

Worthiness limitation:..... Recommended
 Reduced maintenance:..... No
 Task description:..... Clean the hub bearings

Requirement source

Source of requirement:..... MRB
 Reference:..... D6-1234

Source type

Code:..... stc52
 Source criticality:..... sc59

Preliminary requirements

Required conditions

Table 22 Required conditions

Action / Condition	Data module / Technical publication
Rear wheel removed	S1000DBIKE-AAA-DA0-20-00-00AA-520A-A

Required persons

Table 23 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man B	Supervisor	Advanced	Bicycle mechanic	0,8 h
Man A	Basic user		Operator	0,3 h

Support equipment

Table 24 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 25 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Degreasing agent	MFR: KZ222 /PN: LL-004	As required	

Applicable to: Mountain bicycle
 and (Mountain storm Mk1 or
 Brook trekker Mk9)

S1000DBIKE-AAA-D05-20-00-00AA-000A-A

Table 25 Consumables, materials and expendables (Continued)

Name	Manufacturer / Part No.	Quantity	Remark
General grease	MFR: KZ222 /PN: LL-005	As required	

Spares

Table 26 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Equipment

- Hubs
MFR: KZ555 /PN: HB-002

Supervise

Supervisor level:..... Low

Limit

Perform periodically
6 Month
Inspection type: 6 Monthly
Limit range:
from: 6 Month ± 1