Des. No. A-1100

AIRCRAFT RECORD

Contract No. 33745

Req. CR I90  S. E. 362  Bu- 18

Contractor  L.W.F. Engineering Co

Model HS)-I

Type Single Engine Pusher Service Flying Boat

Motor Liberty  H.P. 330

Inspector Sup Con C.M. Liquid

Address College Point

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped

May June Accepted

Destination

Received 6-29-18

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken - Lt. See Navy 1/3/23

Aero M-22 H.7 1-12-08

Total Flying Time Hours Minutes Stricken from Navy List 1/3/23
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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</table>
Des. No. A-1101

AIRCRAFT RECORD

Contract No. 33745  Req. CT 190  S. E. 362  Bu- 18
Contractor L.W.F. Engineering Co
Model HS-I  Type Single Engine Pusher Service Flying Boat
Motor Liberty  H.P. 330

AIRCRAFT RECORD

Address College Point
Inspector Sup Con C.M. Lique

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped

James May  July  Accepted

Destination

Accessories Lacking at Shipment  Bureau Advised  Accessories Supplied

No record - Not reported by any station.

Total Flying Time  Hours  Minutes  Stricken from Navy List

4-1918
# Aircraft Record

**Contract No.:** 33745  
**Req. CR:** 190  
**S. E.:** 362  
**Bu.:** 18  
**Cost Price:**

**Contractor:** L.W.F. Engineering Co  
**Address:** College Point  
**Model:** HS-I  
**Type:** Single Engine Pusher Service Flying Boat  
**Motor:** Liberty  
**H. P.:** 330  
**Inspector:** Sup Con C.M. Liqued

## Production Record

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**Op. Air Date:**  
**Wire S. Order Shipped:**  
**F. O. B.:**

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Accessories Lacking at Shipment  
Bureau Advised  
Accessories Supplied

**Total Flying Time:**

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<th>Minutes</th>
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<tr>
<td>5</td>
<td>8</td>
<td>22</td>
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</table>

Stricken. Sec. Nav. Let. 5/18/22
Des. No. A-1103

Contract No. 37745

Contractor L.W.F. Engineering Co

Model HS-I

Motor Liberty

Type Single Engine Pusher Service Flying Boat

Contract No. 37745

S. E. 362

Bu. 18

Address College Point

Inspector Sup Con C.M. Liqued

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped Destination Accepted

7-30-18

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken L1-See Navy "Air Min. 22-EHTP-1-12 5/20/44"

Total Flying Time Hours Minutes Stricken from Navy List 5-20-24 4-4198
## TROUBLE REPORTS

<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/11/20</td>
<td>Pensacola</td>
<td>Hull has repeatedly repaired in places, material in both fins old and more or less rotten, left fin broken, floor timbers and keelson cracked in places, planking on tail buckled. Propeller flew to pieces while in air. Engine damaged beyond repair. These damages are due to hard usage incident to training students. It is recommended that a spare hull be substituted. This new hull was manufactured by the Curtiss A&amp;M Corp., but has no number. Engine to be stricken from the list.</td>
</tr>
<tr>
<td>4/14/24</td>
<td>Pensacola</td>
<td>General condition poor. O.K. not warranted. Incident to service. Plane to be stricken. No engine will be salvaged usable parts. Remainder to be destroyed or furnished to O.C. &amp; R. per Maj. direct.</td>
</tr>
</tbody>
</table>
Des. No. A-1104

<table>
<thead>
<tr>
<th>Contract No.</th>
<th>33745</th>
</tr>
</thead>
<tbody>
<tr>
<td>Req.</td>
<td>CR 190</td>
</tr>
<tr>
<td>S.E.</td>
<td>362</td>
</tr>
<tr>
<td>Bu.</td>
<td>18</td>
</tr>
<tr>
<td>Cost Price</td>
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</tbody>
</table>

Contractor: L.W.F. Engineering Co
Address: College Point
Model: HS-I
Type: Single Engine Pusher Service Flying Boat
Motor: Liberty
H.P.: 330
Inspector: Sup Con C.M. Lique

PRODUCTION RECORD

<table>
<thead>
<tr>
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<th>F.O.B.</th>
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</table>

Op. Air Date Wire S. Order Shipped Accepted

Accessories Lacking at Shipment
Bureau Advised
Accessories Supplied

Stricken List: Aer. 71, 24
1-12 11/24/22

Total Flying Time Hours Minutes Stricken from Navy List 11/24/22

4-198
A-1104 - Total wreck - Inefficiency of pilot and peculiarities of HS-2 type seaplane. Recommended that 1104 be stricken from the list, & another plane of this type be expected to replace it. Summe observer's cockpit killed. No damage to engine, except that incident of submersion. The Board recommends the engine be given a thorough overhaul & replaced in service.

Aircraft be stricken, unserviceable material be junked or destroyed, & serviceable material be salvaged and used as spares.
Des. No. A-1105

Contract No. 33745

Req. CR 190 S. E. 362

Bu- I8

L.W.F. Engineering Co

HS-I

Single Engine Pusher Service Flying Boat

Liberty

H. P. 330

Inspector Sup Con C. M. Lique

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Accepted

Destination Received

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List
AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S. E. 362  Bu-18
Contractor L.W.F. Engineering Co  Address College Point
Model HS-I  Type Single Engine Pusher Service Flying Boat
Motor Liberty  H. P. 330  Inspector Sup Con C.M.Lique

PRODUCTION RECORD

10%  20%  30%  40%  50%  60%  65%  70%  75%  80%  85%  90%  95%  100% F.O.B.

Op. Air Date Wire S. Order Shipped

Accessories Lacking at Shipment  Bureau Advised  Accessories Supplied

No record -  Not reported by any station.

Total Flying Time 27 Hours 10 Minutes Stricken from Navy List

4-4198
Motor 8263

#7 connecting rod, cylinder and piston, camshaft, crankcase and sump broken. Crankshaft sprung. Poor material in connecting rod. Broken in two places. Recommended that motor be stricken from the Navy list.
## Aircraft Record

**Des. No.:** A-1107  
**Contract No.:** 33745  
**Req.:** CR 190  
**S.E.:** 362  
**Bu.:** 18  
**Contractor:** L.W.F. Engineering Co.  
**Address:** College Point  
**Model:** HS-I  
**Type:** Single Engine Pusher Service Flying Boat  
**Motor:** Liberty  
**H.P.:** 330  
**Inspector:** Sup Con C.M. Liquidated

### Production Record

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<td>Overseas</td>
<td>U.S. Brooklyn, Ponta Delgada, Azores</td>
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Accessories Lacking at Shipment  
Bureau Advised  
Accessories Supplied

No record - not reported by any station.

**Total Flying Time:**

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<tr>
<th>Hours</th>
<th>Minutes</th>
<th>Stricken from Navy List</th>
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</table>
Des. No. A-1108

AIRCRAFT RECORD

Contract No. 33745  Req. CR I90  S. E. 362  Bu- I8  Cost Price
Contractor  L.W.F. Engineering Co  Address College Point
Model  HS-I  Type Single Engine Pusher Service Flying Boat
Motor  Liberty  H. P. 330  Inspector Sup Con C.H.Liqued

PRODUCTION RECORD

10%  20%  30%  40%  50%  60%  65%  70%  75%  80%  85%  90%  95%  100%  F. O. B.

Op. Air Date Wire S. Order Shipped Time Destination Accepted

7/20/8  W.P.S. Brooklyn for Coco Solo, C.Z.

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time  Hours  Minutes  Stricken from Navy List  12-1-21
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-26-21</td>
<td>Coco Solo</td>
<td>Due to usage and climatic conditions, entire machine unfit for further use, etc. Recommend denial that plane be stricken from the list of naval aircraft.</td>
</tr>
</tbody>
</table>
No. A– 1109

AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S. E. 362  Bu– 18

Contractor L.E.F. Engineering Co

Model HS-I  Type Single Engine Pusher Service Flying Boat

Motor Liberty  H. P. 330

Sup. Con C. M. Liqued

PRODUCTION RECORD

10%  20%  30%  40%  50%  60%  65%  70%  75%  80%  85%  90%  95%  100%  F. O. B.

1247– 3376

1918

2247– 5

Accepted 7–16–18

Delivered to Stanley E. Hubbard for Treasury 9/29/22

Accessories supplied

Leased to Treasury for Prohibition purposes

Then never returned, as it crashed before delivery to

Hampton Roads.

Accessories Lacking at Shipment

Bureau Advised

A bill of $2,000 for the plane was billed to the

Treasury. Sept. 7/21/1923

Total Flying Time

2–4198

8/21/23

Loaned

47–447
AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S.E. 362  Bu- 16

Des. No. A-1110

Contractor L.W.F. Engineering Co
Model HS-1  Type Single Engine Pusher Service Boat
Motor Liberty  H.P. 530

Address College Point

Inspector Sup Con C.M.Liqued

PRODUCTION RECORD

50%  20%  30%  40%  50%  60%  65%  70%  75%  80%  85%  90%  95%  100%  F.O.B.

Op. Air Date Wire S. Order Shipped

1/18  1/19  1/19  1/19  1/19  1/19  1/19  1/19

Accepted  

Op. Air Date Wire

7/27, 8 1/19 5 Brooklyn for Coco Solo, C.Z.

Coco Solo

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time

Hours Minutes Stricken from Navy List 7-1-19
TROUBLE REPORTS

Date  Station  Remarks
5/13/19  Coco Solo  Plane damaged.
5/21/19  Coco Solo  Total wreck. Pilot, observer and gunner killed. Recommended that plane be stricken from list.
Des. No. A- 1111

AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S. E. 362  Bu- 18

Contractor
L.W.F. Engineering Co

Model HS-I  Type Single Engine Pusher Service Flying Boat

Motor Liberty  H. P. 330

Inspector Sup Con C.M. Liqued

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Destination Accepted Received

8/14/8  Bay School 24

Accessories Lacking at Shipment  Bureau Advised  Accessories Supplied

Total Flying Time 16 Hours 40 Minutes  Stricken from Navy List 12/5/15

4-4198
TROUBLE REPORTS

Motor No. 01052

<table>
<thead>
<tr>
<th>Date</th>
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<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/25/16</td>
<td>Bay Shore</td>
<td>Propeller broke at hub tearing motor loose from motor bed and wrecking crankcases. This motor is to be stricken from the Navy list and used as spares.</td>
</tr>
<tr>
<td>11/25/18</td>
<td>Bay Shore,</td>
<td>Bottom yipped out of hull. Landed in cross wind with power when plane began to settle. Recommended that this machine be stricken from the list of Naval Aircraft.</td>
</tr>
</tbody>
</table>
AIRCRAFT RECORD

Des. No. A-1112

Contract No. 33745

Req. CRIO8 S.E. 362

Bu-I8

L. W. F. Engineering Co

Model HS - I

Type Single Engine Pusher Service Flying Boat

Contractor

Motor Liberty

H. P. 330

Address College Point

Des. No. AI

Cost Price

Inspector Sup.Con C.M.Liqued

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped July Destination Accepted

Aug

Received

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List
AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S. E. 362  Bu- 18

Contractor L.W.F. Engineering Co

Model HS-I  Type Single Engine Pusher Service Flying Boat

Motor Liberty  H. P. 330

Cost Price

Address College Point

Inspector Sup Con C.M.Liq

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date  Wire  S. Order  Shipped  Destination  Accepted  Received

Accessories Lacking at Shipment  Bureau Advised  Accessories Supplied

Total Flying Time  Hours  Minutes  Stricken from Navy List 7/1/30
9/9/18 Cape May. Upon exam, radiator fitting on 4/5/21, was found to be broken and to crystallization. Recommended that a brace having 2 points of support to radiator and of heavier material be designed. That brace be replaced.

6/22/20 Cape May

Hull unfit for further service. Fittings deteriorated, tail structures weakened and planking and fabric deteriorated due to long service and storage in damp atmosphere. It is recommended that yoke and tanks be retained for further service and that hull be stricken from the Navy list.
Des. No. A-1114

Contract No. 33745

Cost Price

Contractor L.W.F. Engineering Co

Address College Point

Model HS-I

Model Liberty

Type Single Engine Pusher

Type Service Flying Boat

Inspection Sup Con C.M.Liqued

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped

Accepted

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List
8/22/18 Rockaway Bch. Aircraft wrecked. Motor slowed down, missed a few seconds, then stopped. It is thought connections got stripped up. After land'd motor was again started, but water was too rough to enable pilot to get in air. Boat wrecked in being towed in.
AIRCRAFT RECORD

Des. No. A-1115

Contract No. 35745
Contractor L.W.F. Engineering Co
Model HS - I
Motor Liberty

Req. CR 190 S.E. 362 Bu-16

Address College Point

Type Single Engine Pusher Service Flying Boat

Inspector Sup Con C.M. Liquid

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

May 1918

Op. Air Date Wire S. Order Shipped July

Destination Accepted

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 5/24/20

4-4198
**AIRCRAFT RECORD**

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<tr>
<td>Model</td>
<td>Type</td>
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<td>Inspector</td>
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<tr>
<td>Motor</td>
<td>H. P.</td>
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**PRODUCTION RECORD**

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<th>F. O. B.</th>
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- Accessories Lacking at Shipment
- Bureau Advised
- Accessories Supplied

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<tr>
<th>Total Flying Time</th>
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4—1948
AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S. E. 362  Bu-18

 Contractor L.W.F. Engineering Co

Model HS-1  Type Single Engine Pusher Service Flying Boat

Motor Liberty  H.P. 350

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped Destination Received

12-18-18 1-18-19 Army Supply Base Norfolk

886 2/9/22 Pensacola

Accepted Completed

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Stricken from Navy List 7-30-27

Total Flying Time 3 Hours 0 Minutes
<table>
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<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>4-9-27</td>
<td>Pemuaras A 1117</td>
<td>Survey AA-180 To be stricken</td>
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</tbody>
</table>
AIRCRAFT RECORD

Des. No. A-1118

Contract No. 33745
Contractor L.W.F. Engineering Co
Model HS-I
Motor Liberty

Req. CR 190
S. E. 362
Type Single Engine Pusher Service Flying Boat
H. P. 330

Bu-18
Address College Point

Inspector Supt Con C.N. Liquef

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped

11-13-18

Accessories Lacking at Shipment
Bureau Advised

Accessories Supplied

Total Flying Time 33 Hours 30 Minutes Stricken from Navy List 6-3-19
<table>
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<th>Date</th>
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<tbody>
<tr>
<td>3/7/19</td>
<td>Miami, Fla.</td>
<td>Plane completely wrecked. Recommended to be stricken from list.</td>
</tr>
</tbody>
</table>
AIRCRAFT RECORD

Des. No. A-1

Contract No. 33745  
Contractor L.W.F. Engineering Co  
Model HS-1  
Motor Liberty  

Req. CR 190  
S. E. 362  

Type Single Engine Pusher Service Flying Boat  

Contractor L.W.F. Engineering Co  
Address College Point  

Model HS-1  
Motor Liberty  

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.  

Op. Air  Date  Wire  S. Order  Shipped  Destination  Accepted  Received  

8/22/18 Minneola  

Accessories Lacking at Shipment  

Bureau Advised  

Accessories Supplied  

Total Flying Time Hours Minutes Stricken from Navy List 10/30/19  

4-4198
10/8/19 Pensacola

Crashed to complete wreck from a tail spin into Pensacola Bay. Three occupants killed. Recommend this plane be stricken from the Navy list.
**Des. No. A-1120**

**AIRCRAFT RECORD**

- **Contract No.:** 33745
- **Req.:** CR 190
- **S. E.:** 362
- **Bu.:** 18
- **Cost Price:** College Point
- **Model:** HS-I
- **Type:** Single Engine Pusher Service Flying Boat
- **Motor:** Liberty
- **H. P.:** 330
- **Inspector:** Sup Con C. M. Liquid

**PRODUCTION RECORD**

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<th>S. Order</th>
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<tr>
<td>10-25-18</td>
<td>704</td>
<td>617636</td>
<td></td>
<td>Brooklyn, N. Y.</td>
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<td>Quarn</td>
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</table>

- **Accessories Lacking at Shipment:**
- **Bureau Advised:**
- **Accessories Supplied:**

- **Stricken List See Navy Aer. M. 22 - M 2 A 4 - 1**

- **Total Flying Time:**

- **5-28-27**

- **4-198**
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<th>Date</th>
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<tr>
<td>5-6-27</td>
<td>Guam</td>
<td>Nothing in my file</td>
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<tr>
<td></td>
<td></td>
<td>9-11-20 - 2nd endorsement - See Navy of 38 27 42</td>
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<tr>
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<td></td>
<td>VP62/A4-1 4 270/23</td>
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</tbody>
</table>
AIRCRAFT RECORD

Contract No. 33745
Req. CR 190
S. E. 352
Bu- 18

Contractor
L. W. F. Engineering Co

Model
HS-I

Type
Single Engine - usher Service Flying Boat

Motor
Liberty

H. P. 330

Inspector
Sup Con C. M. Lique

Des. No. A-1121

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped

2173 5/19/19 NAT.

Army

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List

4-1998
AIRCRAFT RECORD

Contract No. 33745  Req. CR 180  S. E. 362  Bu- I8

Contractor L.W.F. Engineering Co
Model HS-I  Type Single Engine Pusher Service Flying Boat
Motor Liberty  H. P. 330

PRODUCTION RECORD

1918
Op. Air Date Wire S. Order Shipped

Accessories Lacking at Shipment  Bureau Advised  Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List  4-498
Des. No. A-1123

AIRCRAFT RECORD

Contract No. 35745
Contractor L.W.F. Engineering Co
Model HS-1
Motor Liberty

Req. CR 190
S. E. 862
Bu- 18

Cost Price Contract No.
35745
Req.

Address College Point

Single Engine Pusher Service Flying Boat
Inspector Sup Con C.W. Liqued

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped Destination Received

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List

12-15-15 1084 2-13-19 Army Supply Base Norfolk
22/4 7-22-21 Conv 100
**Des. No. A1124**

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<td>TR 100</td>
<td>362</td>
<td>16</td>
<td>F.O.B.</td>
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</table>

**Contractor**
L.W.F. Engineering Co

**Model**
HS-1

**Type**
Single Engine Pusher

**Service**
Flying Boat

**Inspector**
Sup Con C.M. Liquid

**Address**
College Point

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**PRODUCTION RECORD**

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</table>

**Op. Air Date**
8/7/48

**Wire S. Order Shipped**

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**Accessories Lacking at Shipment**

---

**Bureau Advised**

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**Accessories Supplied**

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**Total Flying Time**

---

**Hours**

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**Minutes**

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**Stricken from Navy List**

7-10-19

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<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>6/17/19</td>
<td>Hampton</td>
<td>This plane was received incomplete. Recommended to be stricken from list.</td>
</tr>
</tbody>
</table>
AIRCRAFT RECORD

Des. No. A- 1125

Contract No. 35715  Req. CR 190  S. E. 382  Bu- 18

Contractor: L.W.F. Engineering Co
Model: HS-I
Type: Single Engine Pusher Service Flying Boat
Motor: Liberty  H. P. 330

PRODUCTION RECORD

1918
Op. Air Date Wire S. Order Shipped

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 7-10-49
<table>
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<tr>
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<th>Station</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>6/17/19</td>
<td>Hampton</td>
<td>Plane received incomplete. Recommended that seaplane be stricken from list.</td>
</tr>
</tbody>
</table>
AIRCRAFT RECORD

Des. No. A-1126

Contract No. 33745  Req. CR 1:0  S.E. 362  Bu-18

Contractor L.W.F. Engineering Co

Model HS-1

Motor Liberty

Type Single Engine Pusher Service Flying Boat

H. P. 330

Address College Point

Inspection Sup Con C.M. Liquid

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time

Hours Minutes

Stricken from Navy List

9/7/48  Yonta boagesa, Lisbon, Via Brooklyn

Transferred to Portuguese Coaf
AIRCRAFT RECORD

Contractor L.W.F. Engineering Co  Address College Point
Model HS-I  Type Single Engine Pusher  Service Flying Boat
Motor Liberty  H.P. 330  Inspector Sup Con C.M.Liqued

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air  Date  Wire  S. Order  Shipped  Destination  Received

1918

10/9/18 Pauliclc Finance Without Engine

7-3-20 Accessories Supplied

Accessories Lacking at Shipment  Bureau Advised

Total Flying Time 25.24 Hours 10 Minutes  Stricken from Navy List 8-24-26
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<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>7-19-26</td>
<td>Has Thrade A1127</td>
<td>Still in need of major OH, all nuts need renewing, etc. Fittings deteriorated. Main structural members of hull show indications of dry rot; rig 2698 in severe condition.</td>
</tr>
</tbody>
</table>
### Aircraft Record

- **Des. No.:** A-1128
- **Contract No.:** 55745
- **Req.:** CR190
- **S. E.:** 362
- **Bu. I8:**
- **Cost Price:**
- **Address:** College Point
- **Contractor:** L. W. F. Engineering Co.
- **Model:** FS-I
- **Type:** Single Engine Pusher Service Flying Boat
- **H. P.:** 330
- **Inspector:** Sup Con C. M. Liquid
- **Accessories Supplied:**

### Production Record

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<td>Op. Air</td>
<td>Date</td>
<td>Wire</td>
<td>S. Order</td>
<td>Shipped</td>
<td>Sept.</td>
<td>Accepted</td>
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</table>

- **F.O.B.:**
- **Op. Air Date:** 9/10/18
- **Destination:** American University Grounds, N. T. Camp, Seattle
- **Destination:** Fleet Lakes
- **Accessories Lacking at Shipment:** Bureau Advised
- **Accessories Supplied:**

### Additional Information

- **Total Flying Time:**
- **Hours:**
- **Minutes:**
- **Stricken from Navy List:** 12-11-77
- **Accessories:**

---

**Note:** The document contains information about the production and delivery of an aircraft, including details about its specifications, delivery address, and associated logistics.
**AIRCRAFT RECORD**

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<td><strong>Bu-</strong></td>
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<tr>
<td><strong>Cost Price</strong></td>
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<tr>
<td><strong>Address</strong></td>
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<tr>
<td><strong>Contractor</strong></td>
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<tr>
<td><strong>Model</strong></td>
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<tr>
<td><strong>Type</strong></td>
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<tr>
<td><strong>Inspector</strong></td>
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<tr>
<td><strong>Motor</strong></td>
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<td><strong>H. P.</strong></td>
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**PRODUCTION RECORD**

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<tr>
<td>Op. Air</td>
<td>Date</td>
<td>Wire</td>
<td>S. Order</td>
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<td>Accepted</td>
<td>F.O.B.</td>
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</tbody>
</table>

- Accessories Lacking at Shipment
- Bureau Advised
- Accessories Supplied

- Total Flying Time
  - Hours
  - Minutes
  - Stricken from Navy List: 2/10/19
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/31/19</td>
<td>Rockaway</td>
<td>Entire boat destroyed by fire. Recommended that this plane be stricken from list.</td>
</tr>
<tr>
<td>1/8/19</td>
<td>Rockaway</td>
<td>Cracked water jacket due to defective material. Recommended perfect material and cylinder be replaced.</td>
</tr>
</tbody>
</table>
**AIRCRAFT RECORD**

- **Contract No.** 33745
- **Req.** CR 190
- **S. E.** 302
- **Bu.** I8
- **Contractor** L.W.F. Engineering Co
- **Model** HS-1
- **Type** Single Engine Pusher Service Flying Boat
- **H. P.** 330
- **Address** College Point
- **Inspector** Sup Con C.M. Liquidated

**PRODUCTION RECORD**

- **June**
- **Op. Air Date Wire S. Order Shipped**
- **Aug Sept Accepted**
- **Destination**
- **F.O.B.**
- **Received**

- **9/7/4**
- **Porto Seguroa, Ilhous, Via Brooklyn**
- **2146 C-146**

**Accessories Lacking at Shipment**

**Bureau Advised**

**Accessories Supplied**

**Total Flying Time**

- **Hours**
- **Minutes**
- **Stricken from Navy List**

- **4-498**
AIRCRAFT RECORD

Des. No. A-1131

Contract No. 33745

Req. CR 100

S. E. 362

Bu- 18

Contractor

D.W.F. Engineering Co

Model HS-I

Type Single Engine Pusher

Service Flying Boat

Motor Liberty

H. P. 330

Inspector Sup Con C.M. Liquid

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped

Aug. 9/1/18 Hampton Field

Accessories Lacking at Shipment Bureau Advised

F.O.B. Accepted

Accessories Supplied

Total Flying Time 81 Hours 0' 4'' Minutes Stricken from Navy List 11/15/18 Priced $1099
<table>
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<tr>
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<th>Station</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>10/30/16</td>
<td>Hampton Roads</td>
<td>Crankshaft; upper and lower crankcase; left hand crankshaft housing; 2 pistons broken; 2 cylinders bent around skirt; 4 connecting rods bent; damaged beyond repair. Caused by broken crankshaft at propeller end. This engine to be stricken from the Naval List.</td>
</tr>
<tr>
<td>10/9/19</td>
<td>Hampton Roads</td>
<td>Pilot compelled to land and take off in a very rough sea while going to rescue a man from drowning at Ocean View, Va. Broke sponson and cracked bottom. Recommend this plane be stricken from Navy list.</td>
</tr>
</tbody>
</table>
**AIRCRAFT RECORD**

<table>
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<tr>
<th>Contract No.</th>
<th>Req.</th>
<th>S. E.</th>
<th>Bu.</th>
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<tbody>
<tr>
<td>33745</td>
<td>CR 190</td>
<td>362</td>
<td>IC</td>
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</tbody>
</table>

**Contractor**

L. W. F. Engineering Co

**Model**

HS-I

**Type**

Single Engine Pusher Service Flying Boat

**Motor**

Liberty

**H. P.**

330

**Address**

College Point

**Inspector**

Sup Con C.M. Lique

**PRODUCTION RECORD**

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**Op. Air Date Wire S. Order Shipped Destination**

| 10-28-18 | 11-8-18 | Brooklyn |
| 1-16-19  |        | Brunswick |
| 7-15-17  | By So. 303 | 2532 cancelled N.A.F. (will only) |

**Accessories Lacking at Shipment**

Bureau Advised

**Accessories Supplied**

**Total Flying Time**

<table>
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<tr>
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<th>Minutes</th>
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**Stricken from Navy List**

<table>
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<tbody>
<tr>
<td>Date</td>
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<tr>
<td>8/25/19</td>
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</tbody>
</table>
AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S. E. 362  Bu-18
Contractor  L.W.F. Engineering Co
Model  HS-1  Type Single Engine Pusher Service Flying Boat
Motor  Liberty  H. P. 330

PRODUCTION RECORD

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Accessories Lacking at Shipment
Bureau Advised
Accessories Supplied

To Stricken on List of 1133 -
Let 4 R. 8/123 (704-0)

Total Flying Time  Hours  Minutes  Stricken from Navy List
<table>
<thead>
<tr>
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<th>Req.</th>
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<th>Bu-</th>
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<td>Model</td>
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<td>Inspector</td>
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<tr>
<td>Motor</td>
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<td>H. P.</td>
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### AIRCRAFT RECORD

- Cost Price
- Flat Price

### PRODUCTION RECORD

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- Accepted
- Received

**Accessories Lacking at Shipment**

**Bureau Advised**

**Accessories Supplied**

<table>
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<th>Total Flying Time</th>
<th>Hours</th>
<th>Minutes</th>
<th>Stricken from Navy List</th>
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</table>
Des. No. A-1135

AIRCRAFT RECORD

Contract No. 53745

Contractor L.W.F. Engineering Co

Model HS-1

Type Single Engine Pusher Service Flying Boat

Motor Liberty

H. P. 530

Des. No. A-18

Cost Price

Address College Point

CR 190 S. E. 362

Bu- 18

Req.

CR

120

S. E. 362

18

Model

Type

HS-1

Single Engine Pusher Service Flying Boat

Motor

Liberty

H. P. 530

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date - Wire S. Order Shipped

2173 5/19/19 N.A.Y.

Army

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

No record - not reported by any station.

Total Flying Time Hours Minutes Stricken from Navy List
Des. No. A-1136

AIRCRAFT RECORD

Contract No. 33745 Req. CR 190 S.E. 332

Contractor L.W.F. Engineering Co

Model HS-I Type Single Engine Pusher Service Flying Boat

Motor Liberty H.P. 330 Inspector Sup Con C.M. Liquefied

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped Destination Received

8/24/18 Rockaway

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 12/23/19
TROUBLE REPORTS

12/4/19  Rockaway

Plane unfit for further service due to long service, hard usage during war, and insufficient experienced personnel to care properly for planes from May, 1919 to October, 1919. Recommend it be stricken from the Navy list.
**AIRCRAFT RECORD**

<table>
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<th>Contract No.</th>
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<tbody>
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<td>Contractor</td>
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<td>Type</td>
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<tr>
<td>Motor</td>
<td>Liberty I.H.P. 330</td>
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**PRODUCTION RECORD**

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<th>Wire</th>
<th>S. Order</th>
<th>Shipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug.</td>
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</tbody>
</table>

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Note:

- Hull being repaired at N.A.T. and to be used as a spare hull. C-37830 letter Jan 17, 1919 to manage N.A.T.

Total Flying Time: 30 Hours 20 Minutes

Stricken from Navy List: 10/9/18
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/22/18</td>
<td>Montauk, N.Y.</td>
<td>Hull badly damaged, left wing and intermediate sections smashed. Bomb sight and gunmount beyond repair. When about 100 ft. from the beach, the pilot let the machine take off a foot or two into the air. The pilot then cut both switches, but the plane being so near the beach and having such terrific speed could not be stopped, crashed into seaplane 1212, smashing the right wing, tail surfaces and damaging the tail of the hull of seaplane 1212. It is recommended that seaplane 1137 be stricken from the Navy list.</td>
</tr>
</tbody>
</table>
AIRCRAFT RECORD

Contract No. 33745-  Req. CR 190  S. E. 262  Bu- 18
Contractor L. W. & Engineering Co.
Model 4S-1  Type Single Engine Biplane Service Flying Boat
Motor Liberty  H.P. 380

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Destination Received
2-11-19 12-12-18
5-4-22

Accessories Lacking at Shipment
Bureau Advised
old card was (sold to R. Doughy- F. Grades) 7/120 (an error)

Accessories Supplied

Stricken from Navy List 5-20-24

Total Flying Time Hours Minutes
4-14-24  NASH Roads A.1138 Hull fabric loose & loose glue badly dried out - hull & wing fittings rusty & mold in bottom of hull needs to be considered I think - has not been flown but has been in storage for several years - hull is not fit to be used - strike wing control and instruments - be kept for spare.
### AIRCRAFT RECORD

**Des. No.** A-1139  
**Contract No.** 55745  
**Req.** CR 190  
**S. E.** 362  
**Bu-** T8  

**Contractor** L.W.F. Engineering Co  
**Address** College Point  

**Model** HS-I  
**Type** Single Engine Pusher Service Flying Boat  
**Motor** Liberty  
**H. P.** 350  
**Inspector** Sup Con C.M. Liquefied  

### PRODUCTION RECORD

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<td>F. O. B.</td>
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</tbody>
</table>

**Op. Air Date** Aug  
**Wire**  
**S. Order**  
**Shipped**  
**Destination** Hampton, Va.  

**Accessories Lacking at Shipment**  
**Bureau Advised**  
**Accessories Supplied**  

**Total Flying Time**  
**Hours**  
**Minutes**  
**Stricken from Navy List** 8-20-19
Des. No. A-1140

AIRCRAFT RECORD

Contract No. 33745  Req. CR 190  S. E. 662  Bu-18

Contractor L.F. Engineering Co

Model HS-I  Type Single Engine - Pusher Service Flying Boat

Motor Liberty  H. P. 330  Inspector Sup Con C.M. Liquidated

Address College Park

Des. No. A-1140

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped

10-28-15  7-01-15  11-15-18  1-20-18

Brooklyn, N.Y.  C.P. & R. R.

R. 36  3-14-26

Salmon, 3-14-26

Nets N. R. Rods  Lt. H. S. 3-10-24 (0.75)

Sahlyren  3-12-26

VA  N. R. Rods  mR. 6-6-26

Accessories Lacking at Shipment

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 3-31-28
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>3-9-28</td>
<td>Dahlgren</td>
<td>A 1140 no longer in fit condition to be flown on oleo legs type D in need of major OH to be started</td>
</tr>
</tbody>
</table>
**AIRCRAFT RECORD**

- **Des. No. A-** 1141
- **Contract No.** 37830
- **Req.** CR 190
- **S. E.** 362
- **Bu-** 16
- **Cost Price**
- **Flat Price**
- **Address** College Pt.
- **Model** HS-1L
- **Type** Liberty
- **H. P.** 330
- **Flying Boat**
- **Inspector** Whitefort.

**PRODUCTION RECORD**

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<tr>
<td>12-18-18</td>
<td>1-6-19</td>
<td>Norfolk</td>
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- **Accessories Lacking at Shipment**
- **Bureau Advised**
- **Accessories Supplied**

- **Total Flying Time Hours Minutes** 11-8/22
- **Stricken from Navy List** 5-8/22
4/28/22 Hampton. Trouble Report. - "Hull" lost its over-weight. Mainly due to re-enforcement of bottom during repairs in which a practically new bottom was put on. Partly due to water soakage.

Stricken - Sec. Van. Leb.

5/8/22
AIRCRAFT RECORD

Contract No. 37830
Contractor L.W.F. Eng. Corp.
Model HS-1L
Motor Liberty

PRODUCTION RECORD

Op. Air Date Wire S. Order Shipped

2173 5/19/19 NAF, Army

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List

4-1108
AIRCRAFT RECORD

Contract No. 37830
Contractor L.W.F. Eng. Corp.
Model HS-1L
Motor Liberty

Des. No. A-1143
Cost Price
Flat Price

Reg.

S. E.
362

Bu-
18

Address

College Pt.

Flying Boat

Inspector

Whitefort.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped

2173 5-20-19 NAF

Army

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time

Hours

Minutes

Stricken from Navy List

←4198
AIRCRAFT RECORD

Des. No. A- 1144

Contract No. 37030

Req. CR 199

S. E. 353

Bu- 13

Des. No. A-

Contractor L.W.F. Eng. Corp.

Model HS-1L

Type Liberty II P.

Flying Boat

Inspector Whitefort.

Des. No.

Cost Price Flat Price

Address College Pt.

Model

Motor

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Destination Accepted

12-18-15 185 1-15-19 Norfolk

8-86 3/9-22 Pensacola

4-20-22

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken from Navy List M. 22-ML A1-1

Total Flying Time Hours Minutes Stricken from Navy List 11-26-26
TROUBLE REPORTS

10-6-26 Deserted

9-11-44 Aircraft completely demolished in destruction of hangars by storm 9-20-26 lost and sunk
### AIRCRAFT RECORD

- **S. No. A-** 1145
- **Contract No.** 37630
- **Contractor:** L.W.F. Eng. Corp.
- **Model:** HS-1L
- **Motor:** Liberty
- **Type:** 330
- **Builder:** College Pt.
- **Address:** Whitefort.

### PRODUCTION RECORD

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- **Op. Air Date:** 5-19-19
- **Wire:** NAF.
- **S. Order:** Army

- **Accessories Lacking at Shipment**
- **Bureau Advised**
- **Accessories Supplied**

- **Total Flying Time:** Hours Minutes
- **Stricken from Navy List:** 4-4198
## AIRCRAFT RECORD

<table>
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<th>Contract No.</th>
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<th>Bu-</th>
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<tr>
<td>37830</td>
<td>CR. 190</td>
<td>362</td>
<td>12</td>
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</table>

**Contractor:** L.W.F. Eng. Corp.

**Model:** HS-1L

**Type:** Flying Boat

**Motor:** Liberty

**H. P.:** 330

**Inspector:** Whitefort.

**PRODUCTION RECORD**

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**Op. Air Date:** 1-15-19

**Wire S. Order:** Norfolk

**Shipped:** Pennaerda

**Destination:** D. 8 K. R. 4/23/22

**Accepted:** 6-7-19

**Received:** 7/3/22

**Accessories Lacking at Shipment:**

**Bureau Advised:**

**Accessories Supplied:**

---

Stricken Lt. See Navy Aen. 2-22. Mt A 4-1

**Total Flying Time:**

<table>
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<tr>
<th>Hours</th>
<th>Minutes</th>
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<tr>
<td>11-26-26</td>
<td>4198</td>
</tr>
</tbody>
</table>
TROUBLE REPORTS

Date       Station       Remarks
10-6-26     Pensacola     A 1146 Aircraft completely demolished. To be stricken
AIRCRAFT RECORD

Des. No. A- 1147

Contract No. 37830  Req. CR 190  S. E. 362  Bu- 18


Model HS-1L  Type Flying Boat


PRODUCTION RECORD Complete

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Accepted

No.

Op. Air Date Wire S. Order Shipped Destination Received

12-18-15 1-21-19 Army Supply Base- Norfolk

886 7/9/22 Pensacola  4-20-22

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Stricken Let See Navy Aer. M. 22 - m. L. A4-1

Total Flying Time Hours Minutes Stricken from Navy List 2-27-26
4/15/20  Cape May

Connecting rod while in flight. Plane badly damaged. It is recommended that motor and propeller be surveyed and usable parts of motor be used as spares for this station; that right and left lower wing sections be surveyed; that all good fittings be retained as spares.

1-12-20  Pensacola

<table>
<thead>
<tr>
<th>Contract No.</th>
<th>Req.</th>
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<tr>
<td>Contractor</td>
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<tr>
<td>Model</td>
<td>Type</td>
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<tr>
<td>Motor</td>
<td>H. P.</td>
<td>Inspector</td>
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### PRODUCTION RECORD

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<th>Destination</th>
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Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time

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<th>Hours</th>
<th>Minutes</th>
<th>Stricken from Navy List</th>
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Des. No. A– 4198
Des. No. A-1149
Contract No. 37830
Contractor: L.W.F. Eng. Corp.
Model: HS-1L
Motor: Liberty

AIRCRAFT RECORD

Cost Price

Contract No.

Req. CR 190 S. E. 362

Bu- 18

Address College Pt.

Flying Boat

Inspector Whitefort

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65%

70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped

2173 5/29/19 N.A.Y.

N.A.S. San Diego (base hull) 11-1-31

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

New Numbers Assigned

5-6-1402 6/2/22

65-5-3 to 65-5-6 inclusive

Lt. to S. S. 10/24/22

Aer. M. -24 Aea. -100 - 172

Total Flying Time Hours Minutes Stricken from Navy List

4-498
**AIRCRAFT RECORD**

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<tr>
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<th>Flying Boat</th>
<th>Inspector</th>
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<tbody>
<tr>
<td>L.W.F. Eng. Corp.</td>
<td>HS-1L</td>
<td>Liberty</td>
<td>Flying Boat</td>
<td>Whitefort</td>
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**Accessories Lacking at Shipment**

**Bureau Advised**

**Accessories Supplied**

**Total Flying Time**

**Hours** **Minutes**

**Stricken from Navy List**

4-4108
AIRCRAFT RECORD

Des. No. A-1151

Contract No. 37830

Req. CR 190

S. E. 362

Bu-18

Cost Price

Contractor L.W.F. Eng. Corp.

Model HS-1L

Type Flying Boat

Motor Liberty H. P. 330

Inspector Whitefort.

PRODUCTION RECORD Complete

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B. Accepted

Op. Air Date Wire S. Order Shipped Destination Received

12-18-15 1084 3-12-19 /S/N/16 N.A.T. Roads. for Training Records

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Stricken Lt.-See Navy Aerm. 22. Mk A4-1

Total Flying Time 211 Hours Minutes Stricken from Navy List 4-25-27-
TROUBLE REPORTS

Date Station

1-5-27 745 individuals A 115-1 Bottom planking broken - hull ribs broken - main faltine dead - rice plane of obsolete type. Nate strucken - to be returned to VP on 2/4/44 - of about 3/1/27

3-28-27 745 4 Road A 115-1 Bottom planking r. franks along hull nailed - hull planking fr. face post rotted - fabric dead. Left strucken. Eng 3021 to be placed in store.
AIRCRAFT RECORD

Contract No.: 37830
Req. CR: 190
S.E.: 362
Bu.: 13

Contractor: L.W.F. Eng. Corp.
Model: HS-1L
Type: Flying Boat

Address: College Pt.
Des. No. A-:

Motor: Liberty
H. P.: 330
Inspector: Whitefish

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100%

F. O. B.:

Op. Air Date Wire S. Order Shipped Destination Received
12-18-18 1-8-19 Army Supply Base X Norfolk

Accessories Lacking at Shipment
Bureau Advised

Accessories Supplied

Sold Lt 17 R (10A) 10-1-23 161-0

Total Flying Time Hours Minutes Stricken from Navy List 4-4198
AIRCRAFT RECORD

Des. No. A-1153

Contract No. 37220
Req. CR 100 S. E. 362
Des. No. A-

Cost Price
Flat Price

Contractor L.W.E. Eng. Corp.
Model HS-1L
Motor Liberty

Type

H. P. 330

Flying Boat

Whitefort.

F. O. B.

L.

Op. Air Date Wire S. Order Shipped Destination Received

12-15-15 1084
2-1-17 2768

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken from Navy List 1-20-27

Total Flying Time 2 Hours 2

Minutes

4-4188
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<tr>
<td>1-6-27</td>
<td>Habs</td>
<td>A 1153 long beam fitting in hull rusted stern keel rotten, steps broken &amp; rotted Plane to be stricken Eng 3013 placed in storage.</td>
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</tbody>
</table>
Des. No. A- 1154

AIRCRAFT RECORD

Contract No. 57430

Req. CR 190 S. E. 362

Bur. 18

Address

College Pt.

Contractor L.W.F. Eng. Corp.

Model HS-1L

Type Liberty

Flying Boat

Inspector Whitefort.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Destination Accepted Received

24-12-15 1-29-19

Storage - Norfolk (5/4/42-5/22) 7/5/42

Despatched 7/23/42 6/5/42

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken List Navy Apr. 22 - Mt 44-1

Total Flying Time 11 Hours 26 Minutes Stricken from Navy List 11-26-26
TROUBLE REPORTS

10-6-26

Date
Station

Demoted A 118-4 - Aircraft completely demobilized

To be stricken
### AIRCRAFT RECORD

- **Des. No. A-**
- **Contract No.** 37830
- **Req. CR.** 190
- **S. E.** 363
- **Bu-** 18
- **Contractor** L.W.E. Eng. Corp.
- **Model** HS-1L
- **Type** Liberty
- **H. P.** 330
- **Flying Boat**
- **Inspector** Whiteford
- **Address** College Pt.

#### PRODUCTION RECORD

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- **Op. Air Date** 12-15-19
- **Wire** 1-25-19
- **Storage** - Norfolk
- **Shipped** 886 2/9/22
- **Destination** Andaorda
- **Received** 4-21-22

- **Accessories Lacking at Shipment**
- **Bureau Advised**

- **Accessories Supplied**

- **Stricken See Navy List** Aer. M.22. mL A7-1

- **Total Flying Time**
  - **Hours**
  - **Minutes**
  - **Stricken from Navy List** 7-30-27
6-9-27 Pensacola G. 115-3- Surgery *4-180 To be stricken.
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>Des. No. A–</td>
<td>1156</td>
</tr>
<tr>
<td>Contractor</td>
<td>L.W.F. Eng. Corp.</td>
</tr>
<tr>
<td>Model</td>
<td>HS-1L</td>
</tr>
<tr>
<td>Motor</td>
<td>Liberty H.P.</td>
</tr>
<tr>
<td>Aircraft Record</td>
<td></td>
</tr>
<tr>
<td>Cost Price</td>
<td>$356.50</td>
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<tr>
<td>Contractor's Address</td>
<td>College Pt.</td>
</tr>
<tr>
<td>Production Record</td>
<td></td>
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<tr>
<td>F.O.B.</td>
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<tr>
<td>Op. Air</td>
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<tr>
<td>Date</td>
<td>12-17-18</td>
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<tr>
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<td>10064</td>
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<tr>
<td>S. Order</td>
<td>1-25-19</td>
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<td>Shipped</td>
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<td>Destination</td>
<td>Norfolk-Storage</td>
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<td>Accessories Lacking at Shipment</td>
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<td>Bureau Advised</td>
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<td>Accessories Supplied</td>
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<tr>
<td>Total Flying Time</td>
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</tr>
<tr>
<td>Hours</td>
<td></td>
</tr>
<tr>
<td>Minutes</td>
<td></td>
</tr>
<tr>
<td>Stricken from Navy List</td>
<td>11-26-26</td>
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<tr>
<td>Stricken Lot See Navy Aer. M. 22 - M.P. 44-1</td>
<td></td>
</tr>
</tbody>
</table>
10-6-26 Benincka

Aircraft completely demolished. To be
stripped.
**AIRCRAFT RECORD**

<table>
<thead>
<tr>
<th>Des. No. A-</th>
<th>1157</th>
</tr>
</thead>
</table>

**Contract No.** 37830  
**Req.** CR 190  
**S. E.** 352  
**Bu-** 18  
**Des. No. A-**  
**Cost Price** Flat Price  
**Address** College Pt.  
**Model** HS-1L  
**Type** Flying Boat  
**Motor** Liberty  
**H. P.** 330  
**Inspector** Whitefort.

**PRODUCTION RECORD**

<table>
<thead>
<tr>
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<th>10%</th>
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<th>100%</th>
<th>F. O. B.</th>
</tr>
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<tbody>
<tr>
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<td>Received</td>
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</table>

9/14/18  

**36**  

**Norfolk (7/3-5)**

**Accessories Lacking at Shipment**

**Bureau Advised**

**Accessories Supplied**

**See. Navy. Let. Aer. 3n. 24 - CSE**

**1-12**

**0-35**

**Total Flying Time**  
**Hours**  
**Minutes**  
**Stricken from Navy List** 8/2/22
6/26/22 T. S. Hampton A-1157. has been kept in crates and exposed to weather. The result is that the hulls have had water in them, & bottoms as well as sides of hulls have become water soaked, & rotten wings need recoating as fabric is dead. If exposed to weather over a long extent of time, recommended that the above plane be stripped from the hangar list that the instruments be salvaged & reinstalled for spare parts. But the wings & other surfaces be recoated with fabric & held as spares, that all surmised parts be burned.
**AIRCRAFT RECORD**

**Des. No. A-**

**1158**  

**Contract No.**

27330  

**Req.**

CR 190  

**S. E.**

967  

**Bu-**

18  

**Des. No. A-**

Cost Price  

Flat Price

**Contractor**

L.W.F. Eng. Corp.

**Model**

HS-1L

**Type**

Flying Boat

**Inspector**

Whitefort

**Address**

College Pk.

**PRODUCTION RECORD**

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<th>Op. Air Date</th>
<th>Wire</th>
<th>S. Order</th>
<th>Shipped</th>
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<td>5-18-20</td>
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Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

**Total Flying Time**

**Hours**

**Minutes**

Stricken from Navy List

9-14-20

4-108
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>8/19/20</td>
<td>Rockaway</td>
<td>Hull weakened and damaged beyond repair. Long usage and consequent depreciation; not as the result of any individual flight or accident. Recommended that plane be stricken from the Navy list.</td>
</tr>
</tbody>
</table>
**AIRCRAFT RECORD**

- **Contract No:** 87630
- **Req.:** CR 190
- **S. E.:** 362
- **Bu.:** 18
- **Des. No. A-**

- **Cost Price**
- **Flat Price**

- **Contractor:** L.W.F. Eng, Corp.
- **Model:** HS-1L
- **Type:** Liberty
- **Flying Boat:** 330
- **Inspector:** Whitefort

**PRODUCTION RECORD**

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<tr>
<td>F.O.B.</td>
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</tbody>
</table>

**Op. Air Date Wire S. Order Shipped Destination Accepted Received**

- **Op. Air Date:** 10-5-18
- **Wire:** Rauce. as Brooklyn league
- **S. Order:** 436
- **Shipped:**
- **Destination:** New York, N.Y. (704-0 1/13/22) 7-3-20

**Accessories Lacking at Shipment**

- **Bureau Advised**
- **Accessories Supplied**

- **Sold To:** 401-4, Roads
- **Received:** 10-1-23

**Total Flying Time**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Minutes</th>
<th>Stricken from Navy List</th>
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</thead>
<tbody>
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</table>
**AIRCRAFT RECORD**

Des. No. A-1160

- **Contract No.** 37036
- **Req.** CR 190
- **S. E.** 342
- **Bu-**
- **College Pt.**

**AIRCRAFT RECORD**

- **Contractor** L.W.F. Eng. Corp.
- **Model** HS-1L
- **Type** Flying Boat
- **Motor** Liberty
- **H. P.** 330

**PRODUCTION RECORD**

- **Accessories Lacking at Shipment**
- **Bureau Advised**
- **Accessories Supplied**

- **Total Flying Time**
  - Hours
  - Minutes
  - Stricken from Navy List: 12/17/18

**Op. Air Date Wire S. Order Shipped**

- **Aug.**
- **Sept.**
- **Accepted**
- **Destination**
- **Received**

- **Accessories Lacking at Shipment**
- **Bureau Advised**
- **Accessories Supplied**
11/29/18 Hampton Roads. At an altitude of about 400 feet, the seaplane went into a spin, crashed in about five feet of water, and was totally wrecked. Recommended that seaplane be stricken from the Navy List.
Des. No. A-1161
Contract No. 7330
Contractor L.W.F. Eng. Corp.
Model HS-1L
Motor Liberty

AIRCRAFT RECORD
No. 11

Des. No. A-
Contract No. CR 190
S. E. 363
Bu-

AirCraft RECORD
Model HS-1L
Type Liberty

Contract Req. 1161

Address College Pt.

F.O.B.

PRODUCTION RECORD
10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped

5-27-19 M.A.F.

N.G.S., San Diego (barn hull) 11-1-21

Accessories Lacking at Shipment

Accessories Supplied

Bureau Advised

Total Flying Time

Stricken from Navy List
**AIRCRAFT RECORD**

<table>
<thead>
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<th>Contract No.</th>
<th>37830</th>
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<tbody>
<tr>
<td>Contractor</td>
<td>L.W.F.-Eng. Corp.</td>
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<tr>
<td>Model</td>
<td>HS-IL</td>
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<tr>
<td>Motor</td>
<td>Liberty</td>
</tr>
<tr>
<td>Photo</td>
<td>Flying Boat</td>
</tr>
<tr>
<td></td>
<td>Whitefort</td>
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</table>

**PRODUCTION RECORD**

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<th>90%</th>
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<th>100%</th>
<th>F.O.B.</th>
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</table>

Op. Air Date Wire S. Order Shipped

5-28-19 Army

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List
AIRCRAFT RECORD

Contract No. 37630
Contractor L.W.F. Eng. Corp.
Model HS-1L
Motor Liberty

AIRCRAFT MODEL

Type H. P.

F. O. B. Des.

Flat Price

PRODUCTION RECORD

Op. Air Date Wire S. Order Shipped

Accessories Lacking at Shipment

Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 6-28-27

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Accepted


Air Date Wire S. Order Shipped Destination

Accessories Lacking at Shipment

Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 6-28-27
TROUBLE REPORTS

Date  Station  Remarks
5-6-27   Guam  9, 1163 Utqok - 2nd endorsement -
Let see how - U3=38-2-28  VDR24 A.4-1 (4)
Copy in my file
John Stricklin
(270423)
AIRCRAFT RECORD

Des. No. A-1164

Contract No. 87830

Reg. CR 190

S. E. 362

Bu. 18

Cost Price

Flat Price

Contractor L.W.F. Eng. Corp.

Model HS-1L

Type Liberty

H. P. 330

Flying Boat

Inspector Whitefort.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100%

F. O. B. Accepted

Op. Air Date Wire S. Order Shipped Destination Received

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 4-1198
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<tr>
<td>Model</td>
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<tr>
<td>Motor</td>
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</tr>
<tr>
<td>Type</td>
<td>330</td>
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<tr>
<td>Flying Boat</td>
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<tr>
<td>Inspector</td>
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<tr>
<td>Address</td>
<td>College Pt.</td>
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<td>Des. No. A-</td>
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<td>PRODUCTION RECORD</td>
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<td>Op. Air Date Wire S. Order Shipped</td>
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<td>Total Flying Time Hours Minutes Stricken from Navy List</td>
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<tr>
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<td>Remarks</td>
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<tr>
<td>10-1-18</td>
<td>Cape May</td>
<td>Damaged</td>
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**Des. No. A-** 1166

**AIRCRAFT RECORD**

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<td>L.W.F. Eng. Corp.</td>
<td>CR 190</td>
<td>362</td>
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<table>
<thead>
<tr>
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<th>Type</th>
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<tbody>
<tr>
<td>HS-1L</td>
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<td>330</td>
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<table>
<thead>
<tr>
<th>Motor</th>
<th>Inspector</th>
<th>College Pt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberty</td>
<td>Whitefort.</td>
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**PRODUCTION RECORD**

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**F. O. B. Accepted**

Op. Air Date Wire S. Order Shipped Destination Received

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

**Total Flying Time**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Minutes</th>
<th>Stricken from Navy List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2/26/20</td>
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</tbody>
</table>

Accessories Supplied
Entire bottom of hull damaged beyond repair, number of transverse ribs broken, wood about fittings in rotted condition, fabric on hull in rotted condition due to having been exposed to weather for period of ten months and hard usage during war. Recommended that it be stricken from the Navy list.
Des. No. A-1167

Contract No. 37830

Contractor L.W.F. Eng. Corp.

Model HS-1L

Motor Liberty

Aircrew & Aft Record

Des. No. A-1167

Coit Pribe

Req. CR 190 S. E. 362

Type Flying Boat

Flat Price

Address College Pt.

Whitefort

Contract No. Bu-

Model Type 330

Contractor

Agdress

Motor 11.

P. Inspector

Production Record

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped

12-18-41 12-7-18 Norfolk

876 3/9/22 Penzaela

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken Ltd. See Navy Aer. M-22-7m L A4-1

has never flown

Total Flying Time Hours Minutes Stricken from Navy List 7-14-26
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>6-4-26</td>
<td>Angola</td>
<td>G. 1167 Hull fabric on migs in very poor condition, has in poor condition of when received, has further deteriorated on account of long stay. Strike from list.</td>
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### AIRCRAFT RECORD

**Des. No. A-**

<table>
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<th>Contract No.</th>
<th>Req.</th>
<th>CR</th>
<th>S. E.</th>
<th>Bu-</th>
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<tr>
<td>37630</td>
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</table>

**Contractor:** L.W.F. Eng. Corp.

**Model:** HS-1L

**Type:** Liberty

**Type:** Flying Boat

**Flying Boat:** 330

**Inspector:** Whitefort.

**Address:** College Pt.

**Cost Price**

**Flat Price**

**PRODUCTION RECORD**

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</table>

**F. O. B.**

**Accepted**

**Destination**

**Received**

<table>
<thead>
<tr>
<th>Op. Air</th>
<th>Date</th>
<th>Wire</th>
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<th>Shipped</th>
<th>Accessories Lacking at Shipment</th>
<th>Bureau Advised</th>
<th>Accessories Supplied</th>
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</tbody>
</table>

**Accessories Supplied**

Stricken Lst. See Navy Aer. M. 22 - mL A4.

**Total Flying Time** 31 Hours 25 - Minutes

Stricken from Navy List 7-24-26
6-4-26 Pensacola A 4468. Tread & fabric on mgs in very poor condition. Incident to serfix. Condition does not justify OT. Strike from list.
Des. No. A-1169

Contract No. 37830

Contractor L.W.F. Eng. Corp.

Model HS-1L

Motor Liberty

AIRCRAFT RECORD

Req. CR 190 S. E. 167 Bu-

Address College Pt.

Cost Price Flat Price

College Pt.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped

May

JUNE

Accepted

Destination

Received

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time 219 Hours 10 Minutes Stricken from Navy List 11/3/15
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/4/18</td>
<td>Tanagura</td>
<td>Semi-total wreck. Pilot allowed gravity tank to run dry causing motor to stop which necessitated forced landing. Recommended to be stricken from the Navy list.</td>
</tr>
</tbody>
</table>
AIRCRAFT RECORD

Des. No. A- 1170

Contract No. 37830

Req. CR 190 S. E. 362

Cost Price

Flat Price

Des. No. A-

College Pt.

Address

Whitefort.

Inspector

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Op. Air Date Wire S. Order Shipped Destination Accepted Received

3-11-19 12-2-19 3-9-22 1-26 2-3-19

Norfolk

Penzaceta

3-7-26 Transferred to Treasury Dept.

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken Lets See Navy A.C. 7-22, M. 2 L 44 1

Total Flying Time

Hours Minutes Stricken from Navy List 6-25-26

4-4198
TROUBLE REPORTS

Date: 5-7-26
Station: Lee Hay

Le - Ac - 24 - A - 211 - 6/13/21

(260418) Innocent Report
Des. No. A-1171 (Reinstated)

AIRCRAFT RECORD

Contract No: 37830
Req. CR 190 S. E. 963

Des. No. A-__

Cost Price
Flat Price

Cost Price

Contractor: L.W.F. Eng. Corp.

Model: HS-1L

Type: Liberty

Flying Boat

Inspector: Whitefort

Address: College Pt.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 70% 75% 80% 85% 90% 95% 100%

F. O. B.

Accepted

Op. Air Date Wire S. Order Shipped Destination Received

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time: 177 Hours 10 Minutes

Stricken from Navy List: 14/28/18 0/16-0-124
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/8/18</td>
<td>Bay Shore</td>
<td>Machine worn out in service and beyond capacity of station to repair. Recommended that plane be stricken from Naval List</td>
</tr>
</tbody>
</table>
Des. No. A-1172

AIRCRAFT RECORD

Contract No. 37890
Contractor L.W.F. Eng. Corp.
Model HS-1L
Motor Liberty

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100%

Op. Air Date Wire S. Order Shipped Destination Accepted Received
May July

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 3/20/19

4-1198
TROUBLE REPORTS

Date

Station

Remark

4-1198

8/22/18 Rockaway Beach Propping Support believed to be not put on properly thereby causing vibration.

8/24/18 Rockaway Beach Johnson Stand broken due to vibration, struts too light. Struts are being made heavier.
Des. No. A-1173

<table>
<thead>
<tr>
<th>Contract No.</th>
<th>Req.</th>
<th>S. E.</th>
<th>Bu-</th>
</tr>
</thead>
<tbody>
<tr>
<td>67630</td>
<td>CR</td>
<td>190</td>
<td>562</td>
</tr>
</tbody>
</table>

**Contractor:** L.W.F.; Eng. Corp.

**Model:** HS-1L

**Type:** Flying Boat

**Motor:** Liberty

**H. P.:** 330

**Inspector:** Whitefort.

**Address:** College Pt.

**Cost Price:**

<table>
<thead>
<tr>
<th>F.O.B.</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
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**Op. Air Date:** June

**Wire:**

**Date:** 10-28-17

**Order:** 7017

**Shipped:**

<table>
<thead>
<tr>
<th>11-16-18</th>
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</table>

**Destination:** Brooklyn

**Received:** 11-16-20

**No.:** 1369

**Accessories Lacking at Shipment:**

**Bureau Advised:**

**Accessories Supplied:**

**Total Flying Time:**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Minutes</th>
<th>Stricken from Navy List</th>
<th>7-7-21</th>
</tr>
</thead>
</table>

| 4-4188 |
TROUBLE REPORTS

6-10-21 WASHBURN.

The hull is water-logged and all the woodwork is warped, etc. These conditions are due to 8 months poor weather conditions, etc. Recommended that plane be stricken.
AIRCRAFT RECORD

Contract No. CR 190  Req. CR 190  S. E. 963  Bu-

Contractor. L.W.F. Eng. Corp.

Model HS-1L  Type  Flying Boat

Motor Liberty  H. P.  330

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Sept. Accepted

Accessories Lacking at Shipment  Bureau Advised  Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 12/20/19

Accessories Lacking at Shipment

Sold
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<tr>
<th>Percentages</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
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<th>80%</th>
<th>85%</th>
<th>90%</th>
<th>95%</th>
<th>100%</th>
<th>F.O.B.</th>
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<tbody>
<tr>
<td>Op. Air Date</td>
<td>June</td>
<td>July</td>
<td>Aug</td>
<td>Accepted</td>
<td>Destination</td>
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<tr>
<td>S. Order</td>
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</tbody>
</table>

Accessories Lacking at Shipment
Bureau Advised
Accessories Supplied

Total Flying Time 125 Hours 35 Minutes
Stricken from Navy List 12/17/18
10/16/16 Rockaway Beach. Entire machine wrecked. Pilot overstayed his supply of gasoline and machine wrecked in heavy sea. Recommended that this machine be stricken from the Naval List.
Des. No. A-176

Contract No. 37090  Req. CR 190  S. E. 362

Contractor L.W.F. Eng. Corp.

Model HS-1L  Type Flying Boat

Motor Liberty  H. P.

AIRCRAFT RECORD

Cost Price Flat Price

Address

College Pt.

Whitefort.

PRODUCTION RECORD

Complete

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Accepted

Op. Air Date Wire S. Order Shipped Destination Received

12-18-15 1054 3-20-19 Norfolk

886 2/7/22 Den课本

4-20-22

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken Lt. See Navy Aer. M. 22-ML-A4-1

Total Flying Time 260 Hours 05 Minutes Stricken from Navy List 7-24-26
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-4-26</td>
<td>Pensacola</td>
<td>A 1136 Hull &amp; fabric on rings in very poor condition - incident to Occident - Exhibition does not justify 8t. Strike from list.</td>
</tr>
</tbody>
</table>
AIRCRAFT RECORD

Des. No. A-1177

Contract No. 37858

Req. CR 190

S. E. 362

Bu-

18

Cost Price

Flat Price

Address

College Pt.

Contractor

L.W.F. Eng. Corp.

Model

HS-1L

Motor

Liberty

Type

Flying Boat

Inspector

Whitefoot

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Destination Accepted Received

12-16-15 1014 11-27-15 Norfolk (17-0 4-3-22)

3/9/22 4-8-6 Pensacola

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Stricken Set See Navy Aer. 3n-22 3m L 44-1

Total Flying Time Hours Minutes Stricken from Navy List 11-26-26
Des. No. A – 1178

AIRCRAFT RECORD

Contract No.:

State:

Reg.:

S.E.:

Bu.:

Address:

College:

Contractor:

L.W.F. Eng. Corp.

Model:

HS-11

Type:

Flying Boat:

Inspector:

Whitefort.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.O.B.

Accepted

Op. Air Date Wire S. Order Shipped Destination Received

9-18 Hampton Rd. Cambridge Station, N.B.

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time

7/1/20

Minutes

Stricken from Navy List

4–4163
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Trouble Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/28/20</td>
<td>Hampton Roads</td>
<td>Plane in bad condition. In taxi-ing it struck a piece of submerged iron pipe and was swung around in such a manner as to crush sponson. It is recommended that plane be surveyed and stricken from the Navy list.</td>
</tr>
</tbody>
</table>
## AIRCRAFT RECORD

<table>
<thead>
<tr>
<th>Des. No. A-</th>
<th>1179</th>
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<tbody>
<tr>
<td>Contract No.</td>
<td>FF00</td>
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<tr>
<td>Req.</td>
<td>CR 190</td>
</tr>
<tr>
<td>S. E.</td>
<td>362</td>
</tr>
<tr>
<td>Bu-</td>
<td>13</td>
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<tr>
<td>Cost Price</td>
<td>Flat Price</td>
</tr>
<tr>
<td>Address</td>
<td>College Pt.</td>
</tr>
<tr>
<td>Contractor</td>
<td>L.W.F. Eng. Corp.</td>
</tr>
<tr>
<td>Model</td>
<td>HS-1L</td>
</tr>
<tr>
<td>Type</td>
<td>Flying Boat</td>
</tr>
<tr>
<td>Motor</td>
<td>Liberty</td>
</tr>
<tr>
<td>H. P.</td>
<td>330</td>
</tr>
<tr>
<td>Inspector</td>
<td>Whitefort</td>
</tr>
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</table>

## PRODUCTION RECORD

*Complete*

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<tr>
<td>F.O.B.</td>
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<th>Op. Air Date</th>
<th>Wire</th>
<th>S. Order Shipped</th>
<th>Destination</th>
<th>Received</th>
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<tbody>
<tr>
<td>12-18-18</td>
<td>1084</td>
<td>23-12-19</td>
<td>Storage</td>
<td>7-25-18</td>
</tr>
<tr>
<td>3-46</td>
<td></td>
<td></td>
<td>5540</td>
<td>Road for Drying Reserves</td>
</tr>
</tbody>
</table>

**Accessories Lacking at Shipment**

**Bureau Advised**

**Accessories Supplied**

Stricken Lt. See Navy Aer. 10-22. mL 44-1

Total Flying Time: Hours Minutes

Stricken from Navy List: 1-25-27
TROUBLE REPORTS

Date: 1-6-27
Station: NAS Highlands

1179 Floor stations from #17-61 broken
solded, Hull planking & Tail post in
poor condition, etc (plane to be stricken
Eng $126 to be placed in store for stock
Des. No. A-1180

AIRCRAFT RECORD

Contract No. 37530
Req. CR-220
S. E. 363
Bu-13

Contractor L.W.F. Eng. Corp.
Model HS-1L
Motor Liberty
Type II. P.

Flying Boat
Inspector Whitefort.

Des. No. A-1180

Cost Price
Flat Price

Address College Pl.

PRODUCTION RECORD

Complete

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Destination Accepted Received

12-18-18 3-18-19 Norfolk (12-1-07 3-12-22)
7-12-22 Pensacola 6/23/22 6-7-27

Accessories Lacking at Shipment
Bureau Advised
Accessories Supplied

Stricken See Navy List Aer. M. 22-M 44-1

Total Flying Time Hours Minutes Stricken from Navy List 7-30-27
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-9-27</td>
<td>Presidential 9, 1180</td>
<td>Survey, AA 180, To be cleaned</td>
</tr>
</tbody>
</table>
Des. No. A- 1181

AirCraft Record

Contract No. 87230

Req. CR 190 S. E. 363

Bu- 15

Des. No. A-

Contractor L.W.E. Eng. Corp.

Model HS-11

Type Liberty II. P.

Flying Boat

Inspector Whitefort.

Production Record

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F.S.B.

Op. Air Date Wire S. Order Shipped Destination Accepted Received

12-15-15 3-15-19 Norfolk

88 6 2/19/22 Pensacola

4-20-22

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken List See Navy Aor. M. 22 - ML A 4-1

Total Flying Time Hours Minutes Stricken from Navy List 11-26-26

4-4198
12-15-24  Pensacola
    A, 1181  Bottom of hull damaged, will require re-belling. Em 25' not damaged.
    Pilot called in before landing at 650' feet. Plane leveled off, engine knocking, water splash was heard.
    Plane landed at runway, ordered to hangar.

10-6-26  Pensacola
    A, 1181  Aircraft completely demolished. To be struck.
# AIRCRAFT RECORD

**Contract No.:** 3753
**Req.:** CR 370
**S. E.:**![](http://www.ae.edu/)
**Bureau:** 12
**Des. No. A-**

**Contractor:** L.W.F. Eng. Corp.
**Model:** HS-1L
**Motor:** Liberty

**Flying Boat**
**Type:** 330
**Inspector:** Whitefort.

## PRODUCTION RECORD

<table>
<thead>
<tr>
<th>%</th>
<th>10</th>
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<td>Time</td>
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</table>

**F.O.B.:** Accepted

**Op. Air Date Wire S. Order Shipped Destination**

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List

---

4-4198
# AIRCRAFT RECORD

**No. A-** 1183  
**Contract No.** 57950  
**Req.** CA 190  
**S. E.** 967  
**Bu-** 10  
**Des. No. A-**  
**Cost, Price**  
**Flat, Price**  
**Addess** College Ft.  
**Flying Boat**  
**Inspector** Whitefort.

## PRODUCTION RECORD

<table>
<thead>
<tr>
<th>10%</th>
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<th>F. O. B.</th>
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**Op. Air**  
**Date**  
**Wire**  
**S. Order**  
**Shipped**  
**Accepted**  
**Destination**  
**Received**  

2173  
5/17/19  
NAF.  
Army

**Accessories Lacking at Shipment**  
**Bureau Advised**  
**Accessories Supplied**

## Total Flying Time

<table>
<thead>
<tr>
<th>Hours</th>
<th>Minutes</th>
<th>Stricken from Navy List</th>
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<tbody>
<tr>
<td></td>
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4—1198
<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>H. P.</th>
</tr>
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<tbody>
<tr>
<td>HS-1L</td>
<td>Liberty</td>
<td>330</td>
</tr>
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</table>

**AIRCRAFT RECORD**

- **Des. No. A-** 1184
- **Contract No.** 52830
- **Req. CR.** 199
- **S. E.** 863
- **Bu-**
- **Des. No. A-**
- **Cost Price.**
- **Flat Price.**
- **Address.**
- **College Pt.**
- **Flying Boat.**
- **Inspector.** Whitefort.
- **Contractor.** L.W.F. Eng. Corp.

**PRODUCTION RECORD**

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<tr>
<th>10%</th>
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<td></td>
<td>F. O. B.</td>
</tr>
</tbody>
</table>

- **Op. Air Date Wire S. Order Shipped Accepted**
- **Destination Received**

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 10/30/19
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/13/19</td>
<td>Hampton Roads</td>
<td></td>
</tr>
</tbody>
</table>

Damaged, excessive vibrations from three cylinders in one bank, caused from improper functioning. Recommend this plane be stricken from Navy list, and that parts fit for further service be used as spares.
<table>
<thead>
<tr>
<th>Contract No.</th>
<th>37830</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor</td>
<td>L.W.F. Eng. Corp.</td>
</tr>
<tr>
<td>Model</td>
<td>HS-1L</td>
</tr>
<tr>
<td>Motor</td>
<td>Liberty</td>
</tr>
<tr>
<td>Type</td>
<td>H.P.</td>
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<tr>
<td>Des. No.</td>
<td>1185</td>
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<tr>
<td>Req. CR</td>
<td>190</td>
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<tr>
<td>S. E.</td>
<td>363</td>
</tr>
<tr>
<td>Bu-</td>
<td>19</td>
</tr>
<tr>
<td>Address</td>
<td>College Pt.</td>
</tr>
<tr>
<td>Inspector</td>
<td>Whitefort</td>
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**AIRCRAFT RECORD**

**Des. No. A-**

**Cost Price**

Flat Price

**PRODUCTION RECORD**

Complete

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**F. O. B.**

Accepted

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<td>3-29-19</td>
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**Accessories Lacking at Shipment**

Bureau Advised

Accessories Supplied

Stricken List: See Navy Act. 22. Rem. A 4-1

Stricken from Navy List 10-1-28

**Total Flying Time** 101 Hours 134 Minutes

Signed: Mrs. 11-28
TROUBLE REPORTS

Date  Station  Remarks

3-26-27  NAS Throats  G. 1185 - Fabric dead, fittings rusted & corroded.
Tail post & ends of hull flanging were finding tail post rotted - Plane obsolete. Rel to Mr. Streicher - 1st end to be repaired - Plane to be retained for the present for crash plane.


War time material mk'd 1917-18 - Strike (eg 2961)
AIRCRAFT RECORD

Des. No. A- 1186
Contract No. 7036
Req. CA 190 S.E. 363
Contractor L.W.F. Eng. Corp.
Model HS-1L
Type Liberty H.P.

AIRCRAFT RECORD

Dis. No. A- i8
Cost Price Flat Price
Address College Pt.

Flying Boat

Inspector Whitefort

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.
Accepted

Op. Air Date Wire S. Order Shipped Destination Received

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 2/18/19
TROUBLE REPORTS

1/31/19
Rockaway
Entire boat destroyed by fire. Recommended that this plane be stricken from list.
**AIRCRAFT RECORD**

**Des. No. A-**

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**Contractor**
L.W.F. Eng. Corp.

**Model**
HS-1L

**Type**
Flying Boat

**Motor**
Liberty - H.P.

**Cost Price**

**Flat Price**

**Address**
College Pt.

**Flying Boat**

**Inspector**
Whitefort

**PRODUCTION RECORD**

Complete

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<td>4-Rds</td>
<td>5-25-23</td>
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<td>Roads for Training Research</td>
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**Accessories Lacking at Shipment**

Bureau Advised

Accessories Supplied

Stricken Lst See Navy Aer. M. 22-M 44-1

**Total Flying Time**

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<th>Minutes</th>
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4-4198
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<td>4-6-26</td>
<td>&quot;A&quot;</td>
<td>&quot;B&quot;</td>
<td>1187</td>
<td>OK</td>
<td>Eng 2447 only</td>
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<tr>
<td>7-14-26</td>
<td>&quot;A&quot;</td>
<td>&quot;B&quot;</td>
<td>1187</td>
<td>OK</td>
<td>13225 - to be strike</td>
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<td>1188</td>
<td>AIRCRAFT-RECORD</td>
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<td>Motor</td>
<td>Liberty</td>
<td>H.P. 330</td>
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<tr>
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**PRODUCTION RECORD**

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Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time 152 Hours 30 Minutes Stricken from Navy List 11-11-19
9/18/18 Rockaway Damage to nose of hull. Collision with 32 foot while taking to dock. Lack of experience and improper instruction. Recommends necessary repairs to hull.

5/10/19 Rockaway In need of extensive repair. Recommended to be stricken from list.
### AIRCRAFT RECORD

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<td>Contractor</td>
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<td>Model</td>
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<td>Motor</td>
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<tr>
<td>Type</td>
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<tr>
<td>H. P.</td>
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<td>Cost Price</td>
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#### PRODUCTION RECORD

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- Accessories Lacking at Shipment
- Bureau Advised
- Accessories Supplied

Total Flying Time: 20 record Stricken

Stricken from Navy List
<table>
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<td>Type</td>
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<td>Motor</td>
<td>H. P.</td>
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<td>Cost Price</td>
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<tr>
<td>Contractor</td>
<td>L.W.F. Eng. Corp.</td>
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<tr>
<td>F. O. B.</td>
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<tr>
<td>College Pt.</td>
<td>Whitefort.</td>
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<tr>
<td>Op. Air Date</td>
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<td>2173</td>
<td>5/10/19</td>
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<td>Army</td>
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<td>Accessories Lacking at Shipment</td>
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<td>Total Flying Time</td>
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AIRCRAFT RECORD

Contract No. S2330
Contractor L. W. F. Eng. Corp.
Model HS-1L
Type Liberty
Motor

AIRCRAFT RECORD

Des. No. A- Cost Price Flat Price

990 S. E. 957

AIRCRAFT RECORD

Flying Boat

Inspector

College Pt.

PRODUCTION RECORD

Whitefort

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Complete

Accepted

F.O.B.

Op. Air Date Wire S. Order Shipped

2173 5/23/19 NA A

Army

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List

4-195
## AIRCRAFT RECORD

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## PRODUCTION RECORD

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### Accessories
- Accessories Lacking at Shipment
- Bureau Advised
- Accessories Supplied

### Additional Information
- Total Flying Time: Hours Minutes
- Stricken from Navy List
Des. No. A— 1193

AIRCRAFT RECORD

Contract No. S9896

Reg. CR 198  S. E. 363

Bureau 18

Des. No. A—

Cost Price

Flat Price

Contractor L.W.F. Eng. Corp.

Type Flying Boat

Model HS-1L

Inspector Whitefort

Motor Liberty H. P.

College Pt.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100%

F. O. B.

Prod.

Accepted

Op. Air Date Wire  S. Order Shipped Destination Received

10-28-16  704  11-5-18  Brooklyn

Miami

Sold

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 12/20/19

4-4198
Des. No. A-1194

AIRCRAFT RECORD

Contract No. 47830

Req. CR 190 S. E. 362

Bu- 18

Address

Des. No. A-

Cost Price

Flat Price

Contractor L.W.F. Eng. Corp.

Model HS-1L

Type Flying Boat

Motor Liberty H. P. 330

Inspector Whitefort.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Accepted

Received

Op. Air Date Wire S. Order Shipped Destination

6/32/26

Guam

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Stricken List See Navy Aer. M. 22. M. L A 4-1

Total Flying Time 260 Hours 30 Minutes Stricken from Navy List 5-28-27
TROUBLE REPORTS

Date        Station     Remarks
2-5-25       Zam

2-6-27       Zam

G. 1194 Floor boards in pilots & gasoline compartment

G. 11943 2nd endorsement see 5-49

OF 38 e m w 100274-1-7 (4)
(270423) 47-5-14
AIRCRAFT RECORD

Des. No. A- 1195

Contract No. 37630

Contractor L.W.F. Eng. Corp.

Model HS-1L

Motor Liberty

Type Flying Boat

Inspector Whitefort.

PRODUCTION RECORD

% 10 20 30 40 50 60 65 70 75 80 85 90 95 100 F. O. B.

Op. Air Date Wire S. Order Shipped Accepted Destination Received

Accessories Lacking at Shipment

Bureau Advised

Accessories Supplied

Total Flying Time 72 Hours Minutes Stricken from Navy List 11/26/18
**TROUBLE REPORTS**

<table>
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<td>11/1/18</td>
<td>Hampton Roads</td>
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</table>

While in a fog bank was forced to land, out of gasoline. Investigation showed a quantity of gasoline in the bilge, indicating a leak somewhere in the system. The wind and sea wrecked the plane to such an extent that one wing was broken off and it turned over and sank. This plane to be stricken from the Naval List.
**AIRCRAFT RECORD**

- **Contract No.** 44030
- **Req.** CR 190
- **S. E.** 362
- **Bu-**
- **Address.**
- **College Pt.**

**Contractor** L.W.F. Eng. Corp.

**Model** HS-1L

**Type** Flying Boat

**Motor** Liberty

**H. P.** 330

**Inspector** Whitefort.

**PRODUCTION RECORD**

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<td>9/3/18</td>
<td>Public SPA</td>
<td>Rosalyn engine</td>
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**Accessories Lacking at Shipment**

Bureau Advised

**Accessories Supplied**

Stricken from Navy List 10-26-26

**Total Flying Time** 244.5 Hours 59 Minutes
TROUBLE REPORTS

8-19-26 No #1196 Aircraft—undamaged. Eng. 2646.
8-28-26 No #1196 Aircraft—all ribs & stringers in compartment—number 7 broken & frame loose from frame—etc to be streken—Eng. 1680 removed & placed in sky.
Des. No. A- 1197

AIRCRAFT RECORD

Contract No. 37236  Req. CR-190  S. E.  63  Bu-

Des. No. A- 13

Contractor L. W. P. Eng. Corp.

Model HS-1L  Type Flying Boat

Motor Liberty  H. P.  350  Inspector Whitefort.

PRODUCTION RECORD

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F. O. B.

Op. Air Date Wire S. Order Shipped Destination Received

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time Hours Minutes Stricken from Navy List 12 3 0-2 0
Ribs in rear sock-pits broken; left seat carried away due to braces breaking; right fin seams opened up; seams of hull near step opened up; venturi tubes leaking. It is recommended that metal braces be used to support seats and that hull of A-1197 be stricken from the Navy list and parts used as spares.

General deterioration in form of dry rot has undermined the entire structure of the hull, etc. Due to use and exposure. Recommended that plane be stricken from the Navy list.
Des. No. A- 1198

AIRCRAFT RECORD

Contract No. 37930

Req. CR 120 S. E. 362

Bu- 13

Des. No. A-

Cost Price

Flat Price

Address

College Pt.

College Pt.

PRODUCTION RECORD

10% 20% 30% 40% 50% 60% 65% 70% 75% 80% 85% 90% 95% 100% F. O. B.

Op. Air Date Wire S. Order Shipped Destination Received

Accessories Lacking at Shipment Bureau Advised Accessories Supplied

Total Flying Time 75 Hours 3 Minutes Stricken from Navy List 3/30/19
<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>9/17/18</td>
<td>Rockaway</td>
<td>Right wing ripped off. Motor trouble. Pilot uninjured. Recommended that motor be repaired and wing replaced.</td>
</tr>
<tr>
<td>11/11/18</td>
<td>Rockaway Beach</td>
<td>Hull badly damaged, 3 wing panels damaged. Throttle control slipping, forcing landing; boat could not be kept off beach and was damaged getting on and off beach. Recommended that necessary repairs be made.</td>
</tr>
</tbody>
</table>
### AIRCRAFT RECORD

**Des. No. A-**

#### Contract No.
- 37630

#### Contractor
- L.W.F. Eng. Corp.

#### Model
- HS-1L

#### Motor
- Liberty

#### Type
- Flying Boat

#### Inspector
- Whitefort

#### Production Record

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- **F.O.B.**
- **Accepted**
- **Destination**
- **Received**

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- **Accessories Lacking at Shipment**
- **Bureau Advised**
- **Accessories Supplied**

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- **Total Flying Time**
- **Hours**
- **Minutes**
- **Stricken from Navy List**
- **7-10-19**