



TRANSLAND



Product Catalog

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Introduction

Transland

1206 Hatton Road, Suite A
Wichita Falls, TX 76302 - U.S.A.

Telephone: (940)687-1100

Toll Free: (800)388-2511

Fax: (940)687-1941

E-mail: sales@translandllc.com

Shipping

Shipping charges for motor freight and air freight are payable upon delivery. Shipment of items such as spreaders, Swathmasters, Gate Boxes or large orders are normally shipped by motor freight. Smaller items are usually shipped by United Parcel Service. Method of shipment and/or carrier should be specified when ordering. All shipments are F.O.B., Wichita Falls, Texas 76302

Weight

All weights are net weights and do not include packaging.

Exporting

Export order terms are:

- Sight Draft or Letter of Credit
- Prepayment by bank draft or check

Payment

Terms offered are:

- Net 30 days with approved credit
- Prepayment
- Visa & MasterCard

Replacement Parts

Any part of any piece of equipment shown in this catalog can be replaced. Give model and serial number of the unit for which the part is being ordered. If the unit has no number, give the complete description of the unit, date of purchase and description of the part/parts required.



Shipment of Parts to Transland

All parts returned to

Transland are to be shipped freight prepaid. To obtain the lowest motor freight shipping rate, indicate on the bill of lading the following:

Sprayers N.O.1, NMFC No. A-11

Item 9385, CL85

10 vane spreaders - CL200

8 vane spreaders - CL150

Parts returned must include:

- A copy of the invoice showing original purchase
- A detailed explanation of the reason for return

Warranty

Transland warrants the products furnished in this catalog to be free from defects in material and workmanship under normal use and service for a period of one (1) year from date of sale by Transland. Transland's obligation under the warranty shall be to repair or replace any product which is returned to Transland within the warranty period and which, upon inspection by Transland, is proven to be defective. The warranty shall not apply to any product which has been subject to misuse, negligence, accident or to items such as Seals, Gasket or Bearings that require replacement during routine maintenance. If, however, a Transland product does not perform to the satisfaction of the user within the first 90 days after purchase, such product may be returned (freight collect) for a full refund.

Hours: 8:00 am to 5:00 pm Central time
Monday through Friday

To order, contact dealer for full details and specifications.



Gate Boxes

PARTS	A	B	B+	Page #
22558	✓	✓		A3
22577			✓	A3
22623	✓	✓	✓	A3

Seeder Plate

PARTS	A	B	B+	Page #
52807	✓	✓	✓	A3

Adapter Boxes

PARTS	A	B	B+	Page #
20268	✓			A3
20266	✓	✓		A3
22778	✓	✓		A3
22273			✓	A3
22275			✓	A3

Spreaders

PARTS	A	B	B+	Page #
22355	✓	✓	✓	A4
22358	✓	✓	✓	A4

Swathmasters

PARTS	A	B	B+	Page #
54597	✓	✓	✓	A4
54401	✓	✓	✓	A4

AGCAT

Quick Disconnects

PARTS	A	B	B+	Page #
23505	✓	✓	✓	A4
25505	✓	✓	✓	A4

2" Spray Valves

PARTS	A	B	B+	Page #
58324	✓	✓	✓	A5
22324	✓	✓	✓	A5
20380	✓	✓	✓	A5
58380	✓	✓	✓	A5

3" Spray Valve

PARTS	A	B	B+	Page #
53380	✓	✓	✓	A5

Loader Valve

PARTS	A	B	B+	Page #
20393	✓	✓	✓	A5

2" Shut-off Valve

PARTS	A	B	B+	Page #
20373	✓	✓	✓	A5

Pump Mount

PARTS	A	B	B+	Page #
20498	✓	✓	✓	A6

Pumps

PARTS	A	B	B+	Page #
21859	✓	✓	✓	A6
51859	✓	✓	✓	A6

2" Booms

PARTS	A	B	B+	Page #
56524	✓	✓	✓	A6
58524	✓	✓	✓	A6

Boom Hangers

PARTS	A	B	B+	Page #
22922	✓	✓	✓	A6
56675	✓	✓	✓	A6
56676	✓	✓	✓	A6

GATE BOXES**GATE BOXES**

22558 - Gate Seal 60713 & Mounting Gasket set 60728

Hopper Throat 16" x 38"

Includes: 2" Q.D. cap & dust cap. Adapter box 22273.

22577 - Gate Seal 60713 & Mounting Gasket set 60787

Hopper Throat 23.5" x 31.25"

Throat size 26.375" x 34" outside flange, 23.5" x 31.25" inside flange

22623 - Weld Assembly/Gate Box 22601

METERING PLATE

52807 - Fits 22104 & 20888 rotary gate Spreaders & Swathmasters

**ADAPTER BOXES**

20268 - 8" x 26.25" to 9.5" x 25"

Replaces subtank for bolt-on attachment for Gate Boxes

6.5" drop

(.050" thick stainless steel)

20266 - 12.3125" x 25"

Replaces the subtank. 8" deep & reduces the 12.3125" x 25" opening to standard throat size of 9.5" x 25"

(.050 thick stainless steel)

22778 - 12.3125" x 25" to 9.5" x 25"

Same as 20266 w/ valve mfg. hole

22273 - 14.25" x 27" to 16" x 38"

Reduces the 16" x 38" opening to standard throat size of 14.5" x 27"

8.25" drop

(.050 thick stainless steel)

22275 - 26.375" x 34" to 9.5" x 25"

For 34" to 25" w/ 6" drop

(.063 thick stainless steel)



SPREADERS**SPREADERS**

22355 - For 38" Gate Boxes

Has deep throat for volume. Spreader can be adjusted for higher or lower volume.

22358 - Heavy Duty Spreader

For 38" Gate Boxes

Similar to 22355 but has a deeper trailing edge.

SWATHMASTERS

54597 - 38"

Includes 5 vane 38" 22364 center section
22616 & 22617 wing panels

54401 - 38"

Includes 22615 center section, 22616 & 22617 wing panels

**QUICK DISCONNECTS**

23505 - 38" Quick Disconnect Plate

25505 - 38" New Style w/ studs



VALVES**2" SPRAY CONTROL VALVES**

58324 - Stainless 2" Q.D. inlet at 25° & 2" hose outlet connector ports.
1.5" return hose connector port & adjustable suckback.

Stainless Ball: 52465

Service Kit: 53390

58380 - Stainless 2" bank, 2" hose inlet & outlet ports.
1.5" return hose connector port & adjustable suckback.

Stainless Ball: 52465

Service Kit: 53390

20380 - Aluminum Spray Control Valve

Same as above in aluminum

Brass Ball: 42465

Service Kit: 54507

22324 - Aluminum Spray Control Valve

Same as above in aluminum

Brass Ball: 42465

Service Kit: 54507

**3" SPRAY CONTROL VALVE**

53380 - Stainless 3" hose inlet & outlet ports.

Stainless Ball: 52326

Service Kit: 54474

LOADER VALVE

20393 - 2" Aluminum Loader Valve

Service Kit: 54009

**2" SHUT-OFF VALVE**

20373 - Aluminum Shut-off Valve

1.5" Q.D. outlet & 2" hose connector inlet

Brass Ball: 52338

Service Kit: 54010

PUMP MOUNTS

PUMP MOUNT

20498 - Pump Mount Assembly

Replaces factory pump mount bracket.

Includes: 21098 or 20480 lower component & 20479



PUMPS

PUMPS

21859 - Aluminum Wind Driven Pump

2" hose 45° angled inlet & 2" hose outlet connector ports

Service Kit: 54346

51859 - Stainless Steel Wind Driven Pump

2" hose 45° angled inlet & 2" hose outlet connector ports

Service Kit: 54346



BOOMS

2" BOOMS

56524 - 210" Streamline Boom, 210" Long

Includes: (35) .125" female fittings, 1.5" hose barb inboard & 1" male pipe thread outboard.

58524 - 210" Streamline Graduated Boom, 2" beginnings 4 graduations

Includes: (35) .125" female fittings, 1.5" hose barb inboard & 1" male pipe thread outboard.

BOOMHANGERS

22922 - Aluminum Boomhanger

56675 - Drop hanger

56676 - Drop hanger & fittings

Includes: Stainless steel Q.D. fittings & swivel Boom Hanger mount



AIR TRACTOR



Fire Gate Boxes

PARTS	301	402	502	602	802	Page #
51602				✓		B6
52602				✓		B6
52802					✓	B6
53802					✓	B6
51802					✓	B6
52803				✓		B6

Gate Boxes

PARTS	301	402	502	602	802	Page #
25581				✓	✓	B6
25559	✓	✓	✓			B6
22559	✓	✓	✓			B6
21966	✓					B6

Adapters

PARTS	301	402	502	602	802	Page #
20263	✓	✓	✓	✓	✓	B7
22279	✓	✓	✓	✓	✓	B7
22274	✓	✓	✓	✓	✓	B7
23841	✓	✓	✓	✓	✓	B7

AIR TRACTOR

Quick Disconnect Flanges

PARTS	301	402	502	602	802	Page #
28016		✓	✓	✓	✓	B7
55329		✓	✓	✓	✓	B7

Metering Plates

PARTS	301	402	502	602	802	Page #
22754		✓	✓	✓	✓	B7
28040		✓	✓	✓	✓	B7

Seeder Plates

PARTS	301	402	502	602	802	Page #
22127		✓	✓	✓	✓	B7
21126	✓					B7

Dump Plate

PARTS	301	402	502	602	802	Page #
25013		✓	✓	✓	✓	B6

Spreaders

PARTS	301	402	502	602	802	
23502		✓	✓	✓	✓	
23537		✓	✓	✓	✓	
22355			✓			
22358			✓	✓	✓	
22008					✓	

Swathmasters

PARTS	301	402	502	602	802	Page #
54401	✓	✓	✓			B8
54597		✓	✓	✓		B8
54594			✓	✓		B8
54596			✓	✓		B8
54497				✓		B8

GATE BOXES

SPREADERS

AIR TRACTOR

2" Spray Control Valves

PARTS	301	402	502	602	802	Page #
58384		✓	✓	✓	✓	B9
58384Q		✓	✓	✓	✓	B9
20384		✓	✓	✓	✓	B9
22384		✓	✓	✓	✓	B9

2.5" Spray Control Valves

PARTS	301	402	502	602	802	Page #
58483				✓	✓	B9
58483Q				✓	✓	B9
20385				✓	✓	B9
20385Q				✓	✓	B9

3" Spray Control Valve

PARTS	301	402	502	602	802	Page #
53384				✓		B9

2" Loader Valves

PARTS	301	402	502	602	802	Page #
20391		✓	✓			B10
50391		✓	✓			B10
52391		✓	✓			B10
22395		✓	✓			B10

3" Loader Valves

PARTS	301	402	502	602	802	Page #
24800		✓	✓	✓	✓	B10
24801					✓	B10
24803			✓		✓	B10
24804			✓		✓	B10
24445					✓	B10
24446					✓	B10
54800		✓	✓	✓		B10
54801					✓	B10
54802					✓	B10
54803			✓		✓	B10
54804			✓		✓	B10

AIR TRACTOR

PUMPS

Pump Mounts

PARTS	301	402	502	602	802	Page #
21099		✓	✓	✓	✓	B11
20481		✓	✓	✓	✓	B11
20504		✓	✓	✓	✓	B11

Pumps

PARTS	301	402	502	602	802	Page #
55605		✓	✓			B12
56605		✓	✓			B12
56604				✓	✓	B12
55604				✓	✓	B12
51859		✓	✓	✓		B12
21859		✓	✓	✓		B12

Wingman

SPREADERS

PARTS	301	402	502	602	802	Page #
55501		✓				B8
98-12			✓			B8
99-12				✓		B8
W802-02					✓	B8

Line Strainers

BOOMS

PARTS	301	402	502	602	802	Page #
59118		✓	✓			B12
59120				✓		B12
59136					✓	B12
20618	✓	✓	✓			B12
21618	✓	✓	✓			B12

Boom Hangers

PARTS	301	402	502	602	802	Page #
50504		✓				B13
50505			✓	✓		B13
50506					✓	B13

AIR TRACTOR

Center Booms

PARTS	301	402	502	602	802	Page #
59023	✓					B13
59105		✓				B13
59106		✓				B13
59103			✓			B13
59104			✓			B13
59196				✓		B13
59194				✓		B13
59190					✓	B13
59192					✓	B13

Center Booms from Factory

PARTS	301	402	502	602	802	Page #
59029		✓				B13
59102		✓				special order
59003			✓			special order
59202			✓			special order
59096				✓		special order
59094				✓		special order
59090					✓	special order
59002					✓	special order

Streamline Booms

PARTS	301	402	502	602	802	Page #
56521	✓	✓	✓			B14
56595				✓		B14
56460					✓	B14
55402	✓	✓	✓			B14
55404		✓	✓			B14

Tail Deflectors

PARTS	301	402	502	602	802	Page #
22461		✓	✓			B14
22463					✓	B14

Meterate

PARTS	301	402	502	602	802	Page #
23718		✓	✓	✓	✓	B14

GATE BOXES

FIRE GATE BOXES

52602 - Fire Gate Box Kit
Hopper Throat 16" x 38"
Includes: 25150 Gate Box / 25157 Electronic Control System /
25169 Hydraulic System & Transland Controller

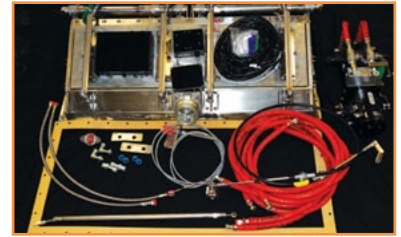
51602 - Same as above - Hemisphere Controller

52803 - Same as above - No Controller

52802 - Same as above

53802 - Same as above - Hemisphere Controller

51802 - Same as above - No Controller



5" GATES

Gate Seal: Mounting Gasket Set 60713, 1 piece 60747

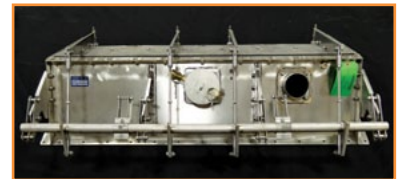
25559 - With 3" Aluminum butterfly valve

22559 - With 3" Male Q.D. & dust cap

21966 - Assembly Gate Box, 25" 301 A/T

25150 - 10" Hydraulic gate

25581 - With 3" Aluminum butterfly valve



DUMP PLATE

25013 - Dump door & frame assembly



GATE BOXES**ADAPTERS**

20263 - 9.5" x 25" Adapter Box

Extends the gate box 6" lower from the hopper flange allowing better air flow into the spreader and/or swathmaster.

22279 - 16" x 38" Adapter Box w/ 6" drop

22274 - 16" x 38" to 9.5" x 25" Adapter Box
38" to 25" with no holes & a 6" drop

23841 - 16" x 41" to 16" x 38" Adapter Box
w/ 2.875" drop

**QUICK DISCONNECT FLANGE**

28016 - Quick Disconnect Flange assembly w/ latches

55329 - 38" Quick Disconnect kit

METERING PLATES

Metering Plates used when applying low rates of granular materials.
Stainless steel construction and installed in the Gate Box above the gate.

22754 - Metering Plate (for 5" doors)
38"

28040 - Metering Plate (for 10" doors)
38"

**SEEDER PLATES**

22127 - Seeder Plate (for 5" doors)
38" Gate Boxes

21126 - For ALL 25" Gate Boxes



SPREADERS

SPREADERS

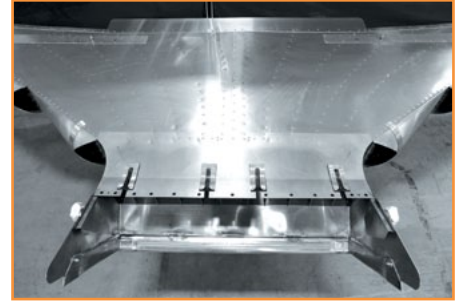
23502 - 10 vane standard Spreader for 38"

23537 - 10 vane deep throat for Fire Gate

22355 - Spreader for 38" Gate Box. Deep throat for volume, 8 vane, Spreader can be adjusted for higher or lower volume.

22358 - Heavy duty Spreader for 38" Gate Box. 8 vanes.

22008 - For 38" Gate Boxes, 8 vane, deep throat Spreader for high volume.



SWATHMASTERS

54597 - For all 5" gates

Includes 5 vane, 38" 22364 center section, 22616 & 22617 wing panels

54594 - 38" Swathmaster for 10" gate w/ 7' wings

22363 - Center section, 22616 & 22617 wing panels

54596 - 38" Swathmaster for 10" gate w/ 10' wings

22363 - Center section, 22618 & 22619 wing panels

54401 - 25" Swathmaster 22615 center section. 22616 & 22617 wing panels



WINGMAN

55501 - Wingman for 402

Includes double fighting auger & heavy duty hydraulic motor

98-12 - Wingman for 502

Same as above

99-12 - Wingman for 602

Same as above

W802-02 - Wingman for 802

Same as above



VALVES

2" SPRAY CONTROL VALVES

58384 - Stainless - 2" Q.D. inlet port, 2" hose outlet port & 1.5" return port
 Stainless Ball: 52465
 Service Kit: 53390

58384Q - Q denotes quick disconnects on inlet AND outlet

20384 - Same as 58384 in aluminum
 Brass Ball: 42465
 Service Kit: 54001

22384 - Same as 58384Q in aluminum



2.5" SPRAY CONTROL VALVES

58483 - Stainless - 2.5" Q.D. inlet, 2.5" hose outlet & 1.5" return port
 Stainless Ball: 52326
 Service Kit: 54527

58483Q - Q denotes quick disconnects on inlet AND outlet

20385 - Same as 58483 in aluminum
 Stainless Ball: 51010
 Service Kit: 54508

20385Q - Same as 58483Q in aluminum



3" SPRAY CONTROL VALVE

53384 - Stainless - 3" Q.D. inlet, 3" hose outlet & 1.5" return port
 Stainless Ball: 52326
 Service Kit: 54474



VALVES

2" LOADER VALVES

50391 - Stainless steel left hand Loader Valve
Service Kit: 54097

20391 - Aluminum left hand Loader Valve
Service Kit: 54009

52395 - Stainless Steel
Service Kit: 54097

22395 - Aluminum
Service Kit: 54014



3" LOADER VALVES

24800 - Aluminum left hand Loader Valve
3" NPT threaded inlet port at 45°
Ball: 57015
Service Kit: 54532

54800 - Stainless left hand Loader Valve
3" NPT threaded inlet port at 45°
Ball: 57015
Service Kit: 54535

24801 - Aluminum left hand Loader Valve
3" NPT threaded straight inlet port
Ball: 57015
Service Kit: 54532

54801 - Stainless left hand Loader Valve
3" NPT threaded straight inlet port
Ball: 57015
Service Kit: 54535



VALVES

3" LOADER VALVES

24803 - Aluminum left hand Loader Valve
3" Q.D. inlet port at 45°
Ball: 57015
Service Kit: 54532

54803 - Stainless left hand Loader Valve
3" Q.D. inlet port at 45°
Ball: 57015
Service Kit: 54535

24804 - Aluminum right hand Loader Valve
3" Q.D. inlet port at 45°
Ball: 57015
Service Kit: 54532

54804 - Stainless right hand Loader Valve
3" Q.D. inlet port at 45°
Ball: 57015
Service Kit: 54535

24445 - Aluminum left hand Loader Valve
3" Q.D. straight inlet port.
Ball: 57015
Service Kit: 54532

24446 - Aluminum right hand Loader Valve (same as above)
3" Q.D. straight inlet port
Ball: 57015
Service Kit: 54532

54445 - Stainless left hand Loader Valve
3" Q.D. straight inlet port
Ball: 57015
Service Kit: 54535

54446 - Stainless right hand Loader Valve
3" Q.D. straight inlet port
Ball: 57015
Service Kit: 54535



PUMPS

PUMP MOUNTS

21099 - Pump Mount Assembly
Consists of 20480 lower component & 20493 upper component

20481 - Pump Mount Assembly
Consists of 20480 lower component & 20482 upper component

20504 - Pump Mount Assembly
Consists of 20480 lower component & 20505 upper component



PUMPS

6.5" CLOSED IMPELLERS

56605 Stainless steel wind driven Pump, manual brake
3" hose straight inlet & 2" Q.D., outlet connector ports
Replacement for Agrinautics 65715-1
Service Kit: 51626

55605 - Same as above - No Brake

56604 - Stainless steel wind driven Pump
3" hose straight inlet & 2.5" Q.D. outlet connector ports
Replacement for Agrinautics 65715-1
Service Kit: 51627

55604 - Same as above - no brake

51859 - Stainless steel wind driven Pump
2" hose 45° angled inlet & 2" hose outlet connector ports
Service Kit: 54346

21859 - Aluminum wind driven Pump



STRAINERS

LINE STRAINERS

59118 - 2" Line Strainer
Replaces 20353, 2" hose inlet & outlet connections
Comes w/ a 40-meshscreen

59120 - 2.5" Line Strainer
Replaces 20353, 2.5" hose inlet & outlet connections
Comes w/ a 40-meshscreen

59136 - 3" Line Strainer
Replaces 20353, 2" hose inlet & outlet connections
Comes w/ a 40-meshscreen

20618 - Aluminum 2" Line Strainer
2" hose inlet/outlet connections

21618 - "Y" Strainer Assembly w/ Q.D.



BOOMS**BOOM HANGERS**

50504 - Stainless steel Boom Hanger kit
Includes Boom Hanger & mounting pads

50505 - Same as above

50506 - Same as above

51856 - Quick release Boom Hanger clamp

51857 - Quick release Boom Hanger clamp

**CENTER BOOMS**

59023 - Weld assembly stainless steel Center Boom

59105 - Center Boom standard system w/ Q.D. cap

59029 - Center Boom from factory standard system w/ Q.D. cap

59106 - Center Boom drop system w/ 10" Q.D. cap

59103 - Center Boom standard system 54" w/ Q.D. cap

59104 - Center Boom drop system 54" w/ Q.D. cap



BOOMS

CENTER BOOMS

59196 - Center Boom drop system 54" w/ Q.D. cap

59194 - Center Boom standard system 54" w/ Q.D. cap

59190 - Center Boom standard system 54" w/ Q.D. cap

59192 - Center Boom drop system 54" w/ Q.D. cap

STREAMLINE BOOMS

56521 - 2" Streamline Boom, .125" female fittings, factory spacing
1.5" female Q.D. inboard, 1" female with plug outboard
Length: 209"

56595 - 2.5" Streamline Boom, .25" female fittings, 5 3/8" spacing
2" female Q.D. inboard, 1" Female with plug outboard
Length: 214"

56460 - 2.5" Streamline Boom, .25" female fittings, 5 3/8" spacing
2" female Q.D. inboard, 1" Female with plug outboard
Length: 220"

55402 - 2.5" Streamline Boom, .25" female fittings, 5 3/8" spacing
2" female Q.D. inboard, 1" female with plug outboard
Length: 188"

55404 - 2.5" Streamline Boom, .25" female fittings, 5 3/8" spacing
2" female Q.D. inboard, 1" female with plug outboard
Length: 185"

DEFLECTORS/METERATES

TAIL DEFLECTORS

22461 - Tail Deflector kit assembly

22463 - Tail Deflector kit assembly



METERATE

23718 - 38" Meterate complete assembly



CESSNA



Gate Boxes

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
20868	✓	✓	✓	C4
21966	✓	✓	✓	C4
20281	✓	✓	✓	C4
20282	✓	✓	✓	C4
20284	✓	✓	✓	C4

Seeder Plate

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
21126	✓	✓	✓	C4

Adapter Box

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
20263	✓	✓	✓	C4

Quick Disconnect Flange

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
20700	✓	✓	✓	C4
54065	✓	✓	✓	C4

Quick Disconnect

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
23507	✓	✓	✓	C4

CESSNA

Spreaders

SPREADERS

PARTS

AGWAGON

AGTRUCK

AGHUSKY

Page

20160

✓

✓

✓

C5

20181

✓

✓

✓

C5

Swathmaster

PARTS

AGWAGON

AGTRUCK

AGHUSKY

Page

54401

✓

✓

✓

C5

2" Spray Valves

PARTS

AGWAGON

AGTRUCK

AGHUSKY

Page

58383

✓

✓

✓

C5

20383

✓

✓

✓

C5

3" Spray Valve

PARTS

AGWAGON

AGTRUCK

AGHUSKY

Page

53383

✓

✓

✓

C6

Loader Valves

PARTS

AGWAGON

AGTRUCK

AGHUSKY

Page

20391

✓

✓

✓

C6

20392

✓

✓

✓

C6

Pumps

PARTS

AGWAGON

AGTRUCK

AGHUSKY

Page

51069

✓

✓

✓

C6

23700

✓

✓

✓

C6

51066

✓

✓

✓

C6

21066

✓

✓

✓

C6

20790

✓

✓

✓

C6

51069

✓

✓

✓

C6

51867

✓

✓

✓

C6

21867

✓

✓

✓

C6

Pump Mount

PARTS

AGWAGON

AGTRUCK

AGHUSKY

Page

21100

✓

✓

✓

C7

VALVES

PUMPS

CESSNA

Strainers

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
20841	✓	✓	✓	C7
59041	✓	✓	✓	C7

2" Booms

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
56543	✓	✓	✓	C7
56551	✓	✓	✓	C7
56550	✓	✓	✓	C7

Boom Hangers

PARTS	AGWAGON	AGTRUCK	AGHUSKY	Page #
23097	✓	✓	✓	C7
23098	✓	✓	✓	C7
23099	✓	✓	✓	C7
57543	✓	✓	✓	C7

BOOMS

GATE BOXES**GATE BOXES**

Gate Seal: 60210, Mounting Gasket set 60160, Hopper Throat 9.5" x 25"

20868 - 2.5" outlet, 2" inlet for ground loading

21966 - 3" & 2" male Q.D. w/ dust caps

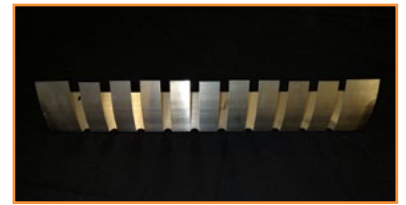
20281 - Basic Gate Box, 2" male fitting & dust cap

20282 - 9.5" x 25" Gate Box

20284 - Same as 20282 w/ 2" male fitting & dust cap

SEEDER PLATE

21126 - 25" Seeder Plate

**ADAPTER BOX**

20263 - 9.5" x 25"

Extends gate box 6" lower from the hopper flange allowing better air flow into the spreader and/or swathmaster, .050 thick stainless steel

QUICK DISCONNECT FLANGE

20700 - 9.5" x 38

Can be substituted for Transland bolt-on flange. Comes w/ 60161 Hopper Throat Gasket. Uses 54065 stiffener kit when using Gate Box.

54065 - Stiffener Kit: Required when Q.D. flange is used on Gate Box. Includes 4 bolt-on stainless steel angles & aluminum frame w/ hardware & gaskets.

QUICK DISCONNECT

23507 - Quick disconnect plate for all 25" Gate Boxes



SPREADERS**SPREADERS**

20160 - High volume Spreader w/ adjustable straight intake vanes

20181 - High volume Spreader w/ non-adjustable vanes
Lower lip & sides are extended 5" for increased air intake

SWATHMASTER

54401 - For standard Transland Gate Boxes, 9.5" x 25" includes 22615 Center Section, 22616 & 22617 wing panels, as well as assembly hardware.

VALVES**2" SPRAY CONTROL VALVES**

58383 - Stainless Steel 2" Q.D. inlet port, 2" hose outlet & return ports.
Stainless Ball: 52465
Service Kit: 53390

20383 - Same as above.
Brass Ball: 42465
Service Kit: 54001



VALVES**3" SPRAY CONTROL VALVE**

53383 - Stainless steel 3" Q.D. inlet port, 3" hose outlet & 1.5" return ports.

Stainless Ball: 52326

Service Kit: 54474

LOADER VALVES

20391 - Aluminum left Loader Valve

Service Kit: 54009

Seal Kit: 50391 - 54097

20392 - Aluminum right Loader Valve

Service Kit: 54014

Seal Kit: 55204 - 50392

**PUMPS****6" SEMI-OPEN IMPELLERS**

51069 - Stainless steel wind driven Pump. 3" hose inlet & outlet connector ports.

Includes dual-blade fan 60010 flow rated at 135 GPM/47 PSI at 3500 RPM

Service Kit: 54027

20790 - Aluminum wind driven Pump. Same as 51069 w/o fan.

Service Kit: 54027

23700 - Aluminum wind driven Pump. Same as 20790 w/ electric brake.

Includes dual-blade fan 60010

Service Kit: 54027

51066 - Stainless steel hydraulic driven Pump w/ 2" hose inlet & outlet connector ports. Internal splined drive shaft.

(for use with hydraulic motors having splined output shaft)

Service Kit: 51625

21066 - Same as 51066

Service Kit: 54026

51069 - Stainless steel wind driven Pump. Has conventional 5" brake.

51867 - Stainless steel hydraulic driven Pump. For Cessna aircraft w/ 3" system.

Internal splined drive shaft. 2" hose outlet connector port.

(for use w/ hydraulic motors having splined output shaft)

Service Kit: 51625



PUMPS**6" SEMI-OPEN IMPELLER**

21867 - Aluminum hydraulic driven Pump. Same as 51867
Service Kit: 54026

PUMP MOUNT

21100 - Pump Mount Assembly consists of 20489 lower, 20493 upper & 20564 bracket components.
Service Kit: 54026

**STRAINERS****Y-STRAINERS**

20841 - Replaces 20354 Strainer. 2" hose inlet & 1.5" Q.D. outlet connections.
Comes w/ 40 mesh screen, 10" long x 13.38"

59041 - Same as above in stainless steel

BOOMS**2" BOOMS**

56543 - 192" long, (34) .125" female fittings & 5.5" spacing, 1.5" female Q.D. inboard, 1" make Q.D. outboard w/ dust cap

56550 - Airfoil Boom. Left hand 192" long, (34) .125" female fittings & 5.5" spacing, 1.5" female Q.D. inboard, 1" make Q.D. outboard w/ dust cap

56551 - Airfoil Boom. Right hand 192" long, (34) .125" female fittings & 5.5" spacing, 1.5" female Q.D. inboard, 1" make Q.D. outboard w/ dust cap

BOOM HANGERS

23097 - Long assembly
23098 - Medium assembly
23099 - Short assembly

57543 - Boom & hanger kit
Includes 2 each of: 20397, 23098, 23099 & 56543 Booms

DROMADER



Fire Gate

PARTS	M-18	Page #
50065	✓	D4

Gate Box

PARTS	M-18	Page #
21570	✓	D4

Adapter Boxes

PARTS	M-18	Page #
20267	✓	D4
22282	✓	D4
21958	✓	D4

Seeder Plate

PARTS	M-18	Page #
21127	✓	D4

Metering Plate

PARTS	M-18	Page #
22752	✓	D4

Sump Scavenger

PARTS	M-18	Page #
53442	✓	D5

DROMADER

Quick Disconnect Flange

GATE BOXES

PARTS	M-18	Page #
59324	✓	D5
59328	✓	D5

Dump Plate

PARTS	M-18	Page #
21959	✓	D5

Spreaders

SPREADERS

PARTS	M-18	Page #
20250	✓	D5
23501	✓	D5
23533	✓	D5
22007	✓	D5

Swathmaster

PARTS	M-18	Page #
54499	✓	D5

Quick Disconnect Plate

PARTS	M-18	Page #
23504	✓	D6

2" Spray Control Valves

VALVES

PARTS	M-18	Page #
58384	✓	D6
58384Q	✓	D6
58882	✓	D6
20882	✓	D6

3" Spray Control Valves

PARTS	M-18	Page #
53382	✓	D6
53386	✓	D6

2" Loader Valve

PARTS	M-18	Page #
22395	✓	D7

DROMADER

3" Loader Valve

PARTS	M-18	Page #
22313	✓	D7
52313	✓	D7

2.5" Shut-off Valves

PARTS	M-18	Page #
20879	✓	D7
50870	✓	D7

Pumps

PARTS	M-18	Page #
51869	✓	D8
21869	✓	D8
53716	✓	D8
23716	✓	D8
51861	✓	D8
21861	✓	D8

Pump Mounts

PARTS	M-18	Page #
20499	✓	D8
40290	✓	D8

Strainer

PARTS	M-18	Page #
59118	✓	D8

Booms

PARTS	M-18	Page #
56520	✓	D9
59058	✓	D9
56522	✓	D9
53641	✓	D9
59042	✓	D9
53643	✓	D9
53644	✓	D9
53645	✓	D9
53646	✓	D9
59046	✓	D9

VALVES

PUMPS

BOOMS

GATE BOXES**FIRE GATE**

50065 - 41" Fire Gate Box kit
16" x 41" Hopper Throat
Kit Includes: 25155 Gate Box, 25157 or 25758 electronic control system
& 25169 Hydraulic System/Operating Controls

GATE BOX

21570 - 2.5" hole for Inlet & 3" hole on left side of front panel for spray Pump
16" x 41" Hopper Throat
Gate Seal: 60205, Mounting Gasket set (vellumoid) .0625" thick, 60222 or .125" thick - 60223

ADAPTER BOXES

20267 - 16" x 41" to 9.5" x 25" w/ 6.25" drop
.050 thick stainless steel

22282 - 16" x 41" w/ 6" drop
.080 thick stainless steel

21958 - 16" x 41" w/ 5" drop
.080 thick stainless steel

SEEDER PLATE

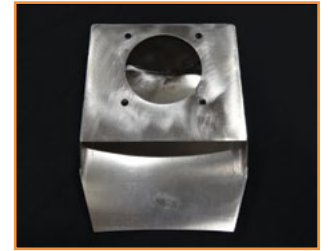
21127 - 41" Seeder Plate

**METERING PLATE**

22752 - 41" Metering Plate

GATE BOXES**SUMP SCAVENGER**

53442 - 41" Gate Box w/ 3" inlet, stainless steel

**QUICK DISCONNECT FLANGE**

59324 - 16" x 41" w/ 60023 Hopper Throat gasket

59328 - 41" for use w/ 24324 Quick Disconnect Flange
Includes mating flange, gaskets & hardware for attaching to Thrush Gate Box

DUMP PLATE

21959 - 41" Dump door & frame assembly

**SPREADERS****SPREADERS**

20250 - For 41" Gate Boxes
High volume spreader w/ adjustable straight vanes

23501 - 41" 10 vane Spreader (standard)

23533 - 41" 10 vane Spreader (deep throat)

22007 - 41" 8 vane Spreader (deep throat)

SWATHMASTER

54499 - 41" for 16" x 41" Gate Box includes 20183 Center Section,
22616 & 22617 wing panels & assembly hardware

SPREADERS**QUICK ATTACHMENT PLATE**

23504 - 41" Quick Disconnect Plate

**VALVES****2" SPRAY CONTROL VALVES**

58384 - Stainless steel 2" Q.D. inlet port, 2" hose outlet port & 1.5" return port

Stainless Ball: 52465

Service Kit: 53390

58384Q - Q denotes Quick Disconnects on inlet AND outlet

58882 - Stainless steel, 2" Q.D. inlet port, 2" hose outlet return port

Stainless Ball: 52465

Service Kit: 53390

20882 - Aluminum

Brass Ball: 42465

Service Kit: 54001

**3" SPRAY CONTROL VALVES**

53382 - Stainless steel, 3" Q.D. inlet port, 3" hose outlet, 1.5" return ports

Stainless Ball: 52326

Service Kit: 54474

53386 - 3" Stainless steel spray valve

VALVES**2" LOADER VALVE**

22395 - Aluminum

Ball: 52395

Service Kit: 54097

**3" LOADER VALVES**

22313 - Aluminum

Ball: 52326

Service Kit: 54533

52313 - Stainless steel (left hand)

3" NPT threaded inlet port & 3" hose outlet port

Ball: 52326

Service Kit: 54534

**2.5" SHUT-OFF VALVES**

20879 - Aluminum, 2.5" Q.D. outlet, 2" hose connector inlet

Brass Ball: 52338

Service Kit: 54010

50879 - Stainless steel, 2.5" Q.D. outlet, 2" hose connector inlet

Stainless Ball: 42305

Service Kit: 54502



PUMPS**6.5" CLOSED IMPELLERS**

51869 - Stainless steel wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports (no fan or attaching hardware)
Service Kit: 54346 (w/ brakes)

21869 - Aluminum wind driven Pump, 2" hose outlet, 60° hose inlet (no fan)
Service Kit: 54346 (w/ brakes)

53716 - Stainless steel wind driven Pump, w/ electric brake, 4 blade fan (#60011) 2.5" hose, 60° angled inlet & 2" hose outlet connector ports (no attaching hardware)
Service Kit: 54346 (w/ brakes)

23716 - Aluminum wind driven Pump, 2" hose outlet, 60° hose inlet, 4 blade fan (#60011)
Service Kit: 54346 (w/ brakes)

51861 - Stainless steel wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports. 4 blade fan (#60011)
Service Kit: 54346 (w/ brakes)

21861 - Aluminum wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports. 4 blade fan (#60011)
Service Kit: 54346 (w/ brakes)

**PUMP MOUNTS**

20499 - Pump Mount Assembly
Lower component: 20480
Upper component: 20496
Bracket component: 40290

40290 - Pump Mount cable bracket

**BOOMS****STRAINER**

59118 - Replaces 20353, 2" hose inlet & outlet connections.
Includes 40-mesh screen



BOOMS**2" BOOMS**

56520 - 223" long, (32) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug.

53641 - 232" long, (38) .125" female fittings, 6" of spacing

2" CENTER BOOMS

59058 - Streamline Center Boom w/ Q.D. cap & Strainer. 45" wide, (7) .125" female fittings, factory spacing, 2" hose inlet, 1.5" male Q.D. outlets, 3.5° dihadral

56522 - Streamline Center Boom (same as above w/o Strainer)

59042 - Streamline Center Boom w/ Strainer. 54.5" wide, (9) .125" female fittings, 2" hose inlet, 1.5" male Q.D. outlets, 4.5° dihadral

53643 - Streamline Center Boom w/o Strainer. 54.5" wide, (9) .125" female fittings, 2" hose inlet, 1.5" male Q.D. outlets, 4.5° dihadral

**2.5" BOOMS**

53644 - Right hand streamline Boom, 232" long, (38) .125" female fittings, 6" spacing

53645 - Left hand streamline Boom, 232" long, (38) .125" female fittings, 6" spacing

2.5" CENTER BOOMS

53646 - Streamline Center Boom w/o Strainer. 54.5" wide, high volume, (9) .125" female fittings, standard spacing, 3" inlet, 2" male outlets, 4.5° dihadral

59046 - Streamline Center Boom w/ Strainer. 54.5" wide, high volume, (9) .125" female fittings, standard spacing, 3" inlet, 2" male outlets, 4.5° dihadral

THRUSH



Gate Boxes

PARTS	400/500	600				Page #
21579	✓	✓				E4
21587	✓	✓				E4
24579	✓	✓				E4
24587	✓	✓				E4

Fire Gate

PARTS	400/500	600				Page #
50064	✓	✓				E4

Seeder Plate

PARTS	400/500	600				Page #
21125	✓	✓				E4

Sump Scavenger

PARTS	400/500	600				Page #
53442	✓	✓				E4

Adapter Boxes

PARTS	400/500	600				Page #
20267	✓	✓				E5
22282	✓	✓				E5
21958	✓	✓				E5

THRUSH

Quick Disconnect Flanges

GATE BOXES

PARTS	400/500	600				Page #
59324	✓	✓				E5
59328	✓	✓				E5

Dump Plate

PARTS	400/500	600				Page #
21959	✓	✓				E5

Spreaders

SPREADERS

PARTS	400/500	600				Page #
20250	✓	✓				E5
23501	✓	✓				E5
23533	✓	✓				E5
22007	✓	✓				E5

Swathmaster

PARTS	400/500	600				Page #
54499	✓	✓				E6

Quick Attachment Plate

PARTS	400/500	600				Page #
23504	✓	✓				E6

2" Inch Spray Control Valves

VALVES

PARTS	400/500	600				Page #
58882	✓	✓				E6
20882	✓	✓				E6

2" Loader Valve

PARTS	400/500	600				Page #
22395	✓	✓				E6

3" Loader Valves

PARTS	400/500	600				Page #
52313	✓	✓				E6
22313	✓	✓				E6

THRUSH

2.5" Shut-Off Valves

PARTS	400/500	600				Page #
20879	✓	✓				E7
50879	✓	✓				E7

VALVES

Pumps

PARTS	400/500	600				Page #
51869	✓	✓				E7
21869	✓	✓				E7
53716	✓	✓				E7
23716	✓	✓				E7
51861	✓	✓				E7
21861	✓	✓				E7

PUMPS

Pump Mounts

PARTS	400/500	600				Page #
20499	✓	✓				E8
40290	✓	✓				E8
20564	✓	✓				E8

Strainer

PARTS	400/500	600				Page #
59118	✓	✓				E8

2" Booms

PARTS	400/500	600				Page #
56549	✓	✓				E8
56534	✓	✓				E8
56520	✓	✓				E8
55403	✓	✓				E8

BOOMS

2" Center Booms

PARTS	400/500	600				Page #
59058	✓	✓				E9
56522	✓	✓				E9

2.5" Boom

PARTS	400/500	600				Page #
56595		✓				E9

THRUSH

2.5" Center Booms

BOOMS

PARTS	400/500	600				Page #
59083		✓				E9
56532	✓	✓				E9
56557	✓	✓				E9

THRUSH

PART INFO

GATE BOXES

FIRE GATE

50064 - Fire Gate Box kit

Hopper Throat 16" x 41"

Includes: 25151 Gate Box, 25157 or 25158 Electronic Control System, 25169 hydraulic system & operating controls.

GATE BOXES

50064 - Fire Gate Box kit

Hopper Throat 16" x 41"

Includes: 25151 Gate Box, 25157 or 25158 Electronic Control System, 25169 hydraulic system & operating controls

21579 - Gate Box

Basic Gate Box assembly w/ 2.5" hole for the forward Valve

21587 - Gate Box

Comes w/ 20882 control valve & 20879 shut-off Valve

24579 - Gate Box

Basic Gate Box assembly w/ 3" hole for the forward Valve

24587 - Gate Box

Comes with 20882 control Valve & 53625 3" stainless steel butterfly Valve

SEEDER PLATE

21127 - 41" Seeder Plate



SUMP SCAVENGER

53442 - 41" Gate Box w/ 3" inlet, stainless steel



GATE BOXES

ADAPTER BOXES

20267 - 16" x 41" to 9.5" x 25" w/ 6.25" drop
.050 thick stainless steel

22282 - 16" x 41" w/ 6" drop
.080 thick stainless steel

21958 - 16" x 41" w/ 5" drop
.080 thick stainless steel

QUICK DISCONNECT FLANGE

59324 - 16" x 41" w/ 60023 Hopper Throat gasket

59328 - 41" for use w/ 24324 Quick Disconnect Flange
Includes mating flange, gaskets & hardware for attaching to Thrush Gate Box

DUMP PLATE

21959 - 41" Dump door & frame assembly

SPREADERS

SPREADERS

20250 - For 41" Gate Boxes
High volume spreader w/ adjustable straight vanes

23501 - 41" 10 vane spreader (standard)

23533 - 41" 10 vane spreader (deep throat)

22007 - 41" 8 vane spreader (deep throat)

SPREADERS**SWATHMASTER**

54499 - 41" for 16" x 41" Gate Box includes 20183 Center Section, 22616 & 22617 wing panels & assembly hardware

QUICK ATTACHMENT PLATE

23504 - 41" Quick Disconnect Plate

**VALVES****2" SPRAY CONTROL VALVES**

58882 - Stainless steel, 2" Q.D. inlet port, 2" hose outlet return port
Stainless Ball: 52465
Service Kit: 53390

20882 - Aluminum
Brass Ball: 42465
Service Kit: 54001

**3" SPRAY CONTROL VALVE**

53382 - Stainless steel, 3" Q.D. inlet port, 3" hose outlet, 1.5" return port
Stainless Ball: 52326
Service Kit: 54474

2" LOADER VALVE

22395 - Aluminum
Ball: 52395
Service Kit: 54097



VALVES

3" LOADER VALVES

22310 - Aluminum

Ball: 52326

Service Kit: 54533

52313 - Stainless steel (left hand)

3" NPT threaded inlet port & 3" hose outlet port

Ball: 52326

Service Kit: 54534

22313 - Aluminum 45" threaded inlet port

Ball: 52326

Service Kit: 54531



2.5" SHUT-OFF VALVES

20879 - Aluminum, 2.5" Q.D. outlet, 2" hose connector inlet

Ball: 52338

Service Kit: 54010

50879 - Stainless steel, 2.5" Q.D. outlet, 2" hose connector inlet

Ball: 52338

Service Kit: 54502



PUMPS

6.5" CLOSED IMPELLERS

51869 - Stainless steel wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports (no fan or attaching hardware)

Service Kit: 54346 (w/ brakes)

21869 - Aluminum wind driven Pump, 2" hose outlet, 60° hose inlet (no fan)

Service Kit: 54346 (w/ brakes)

53716 - Stainless Steel wind driven Pump, w/ electric brake, 4 blade fan (#60011) 2.5" hose, 60° angled inlet & 2" hose outlet connector ports (no attaching hardware)

Service Kit: 54346 (w/ brakes)

23716 - Aluminum wind driven Pump, 2" hose outlet, 60° hose inlet, 4 blade fan (#60011)

Service Kit: 54346 (w/ brakes)



PUMPS

6.5" CLOSED IMPELLERS

51861 - Stainless steel wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports. 4 blade fan (#60011)
Service Kit: 54346 (w/ brakes)

21861 - Aluminum wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports. 4 blade fan (#60011)
Service Kit: 54346 (w/ brakes)

PUMP MOUNTS

20499 - Pump Mount Assembly
Lower component: 20480
Upper component: 20496
Bracket component: 40290

40290 - Pump Mount cable bracket

20564 - Pump Mount bracket



BOOMS

STRAINER

59118 - Replaces 20353. 2" hose inlet & outlet connections.
Includes 40 - mesh screen



2" BOOMS

56520 - 223" long, (x32) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug.

56534 - 223" long, (x32) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug. Air foil right hand.

56549 - 223" long, (x32) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug. Air foil left hand.

55403 - 180" long, (x31) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug.

BOOMS

2" CENTER BOOMS

59058 - Streamline Center Boom w/ Q.D. cap & Strainer. 45" wide, (7) .125" female fittings, factory spacing, 2" hose inlet, 1.5" male Q.D. outlets, 3.5° dihadral

56522 - Streamline Center Boom (same as above w/o Strainer)



2.5" BOOM

56595 - Streamline Boom, 202" long, (39) .25" female fittings, 5.375" spacing, 2" female Q.D. inboard, 1" female w/ plug outboard.

2.5" CENTER BOOMS

59083 - Streamline Center Boom. 45" wide, (7) .25" female fittings, standard spacing, 3" hose inlet, 2" male Q.D. outlets, 2° dihadral

56532 - Streamline Center Boom. 45" wide, (7) .125" female fittings, factory spacing, 2.5" hose inlet, 2" male Q.D. outlets, 3.5° dihadral

56557 - Streamline Center Boom (same as above w/o strainer)

HELICOPTERS



BOOMS

PARTS	BELL	HILLER	ROBINSON	Page #
56660	✓			F2
56674	✓			F2
56700	✓			F2
56656		✓		F2
56644		✓		F2
56628			✓	F2

BOOMS

ACCESSORIES

PARTS	BELL	HILLER	ROBINSON	Page #
56648	✓			F3
56547	✓			F3
56545	✓			F3
56546	✓			F3
56639	✓			F3
56690	✓			F3
56691	✓			F3
56692	✓			F3
56693	✓			F3
56694	✓			F3
56695	✓			F3
56758	✓			F3
56649		✓		F3
56650		✓		F3
56651		✓		F3
56652		✓		F3
56665		✓		F3
56666		✓		F3

ACCESSORIES

BOOMS

ALL HELICOPTER SYSTEMS

56660 - Bell streamline Boom system

Stainless steel Bell 47G series, toe mounted

Includes: 56653 Boom assembly, left hand

56654 Boom assembly, right hand

56659 Center Boom assembly

56656 - Hiller streamline Boom system

Stainless steel, toe mounted

Includes: 56653 Boom assembly, left hand

56654 Boom assembly, right hand

56655 Center Boom assembly

56644 - Hiller boom strut assembly inboard

56674 - Bell Wasp streamline Boom system

Stainless steel system, toe mounted

Includes: 56671 Boom Assembly, Left Hand

56672 Boom Assembly, Right Hand

56673 Center Boom Assembly

56700 - Bell Jet Ranger 206 Boom System

Stainless steel, streamline, toe mounted

Includes: 56701 Boom assembly, left hand (1)

56702 Boom assembly, right hand (1)

56703 Center Boom assembly (1)

56704 Drag brace, right side (1)

56705 Drag brace, left side (1)

22704 Skid adapter (2)

22701 Skid to Boom adapter (2)

56628 - Robinson R44

Includes: 56619 Boom assembly, left hand

56619 Boom assembly, right hand

56618 Center Boom assembly

ACCESSORIES

ALL HELICOPTER SYSTEMS

56648 - Bell Center Boom w/o dump

56547 - Bell Tank Cross tube

Stainless steel w/ center dump & Pump outlet for Bell 47 series. 54" long w/ 4" diameter. Electric solenoid release dump available.

56545 - Bell Tank Sump elbow

Stainless steel, left hand for Bell 47 series. Fits 9.25" x 14.25" tank opening.

56546 - Bell Tank Sump elbow

Stainless steel, right hand for Bell 47 series.

56639 - Round Boom extension assembly

48" long. Stainless steel.

56690 - Drag Brace, right hand

For Bell 47. Stainless steel.

56691 - Drag brace, left hand

For Bell 47. Stainless steel.

56692 - Outboard Boom brace

For Bell 47. Stainless steel.

56693 - Center Boom brace

For Bell 47. Stainless steel.

56694 - Toe to Boom adapter, right hand

For Bell 47. Stainless steel.

56695 - Toe to Boom adapter, left hand

For Bell 47. Stainless steel.

56758 - Graduated Boom assembly

3 graduations. For Bell OH-58. Stainless steel.

56649 - Hiller Tank Cross Tube

For Hiller 12E series. With center dump & pump outlet. 54" long with a 4" diameter. Stainless steel. Electric solenoid release dump available.

56650 - Hiller Drag Brace

56651 - Hiller Elbow

Left hand

56652 - Hiller Elbow

Right hand

56665 - Hiller Tank Sump elbow

Left hand for Hiller 12E series. Stainless steel.

Fits 9.25" x 14.25" tank opening.

56666 - Hiller Tank Sump elbow

Right hand for Hiller 12E series. Stainless steel.

Fits 9.25" x 14.25" tank opening.

ACCESSORIES

VANE EXTENSION KITS

For 25", 38" & 41" Spreaders:

55124 - Vane Extension kit

Fits 23501 & 23502. Includes (x10) 23439 vane extensions.

54424 - Vane Extension kit

For Thrush 20250 & 20160 high volume Spreaders.

Extends Spreader front vanes 3.5" X 4". Includes 8 vane extensions.

54498 - Vane Extension kit

Fits 20240 Spreader. Includes 8 vane extensions.

55125 - Vane Extension kit

For 22007 Spreader. Includes 8 vane extensions.

56325 - Vane Extension kit

For 22007 Spreader. Includes 8 vane extensions.

For 38" or 41" Gate Box:

10384 - Vane adjustment rod, .3125 threaded stainless steel, heavy duty rod

10870 - Washers

80552 - Vane adjustment nut, .3125 stainless steel nut



SPREADER QUICK DISCONNECT ATTACHMENT PLATES

For ALL 25" Gate Boxes:

23507 - Quick Disconnect Plate

38" Air Tractor & Ag-Cat:

23505 - Quick Disconnect Plate

25505 - New Style w/ studs

41" Thrush & Dromader:

23504 - Quick Disconnect Plate



SPREADER ACCESSORIES

All Spreaders:

50217 - Over Center Latch

Fits 23501 & 23502. Includes (x10) 23439 vane extensions

Air Tractor & Ag-Cat

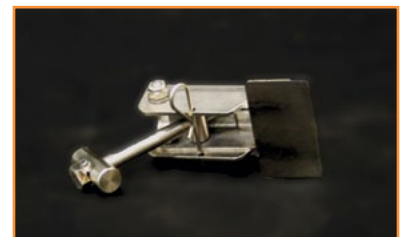
56566 - Rear Brace Assembly

38" Spreader. 2 each per Spreader.

Spreader Cart

50067 - Spreader Cart

Stainless steel, front loading w/ hydraulic lift. One man can install and remove.



ACCESSORIES

BUTTERFLY VALVES

1.5"

53622 - All stainless construction

2"

23623 - Aluminum body, stainless disc & shaft

53617 - All stainless steel construction for Cessna

53623 - All stainless steel construction

2.5"

23624 - Aluminum 14° male Q.D. with butterfly Valve

53624 - Stainless steel 14° male Q.D. with butterfly Valve

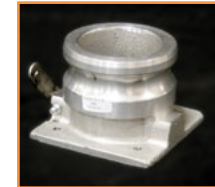
23626 - Aluminum body, stainless disc, shaft and male Q.D. with butterfly Valve

53626 - All stainless steel version of 23626

3"

23625 - Aluminum body, stainless disc & shaft. Standard on all new Air Tractors.

53625 - All stainless steel version of 23625



BALL BOOM SHUT-OFF VALVES

1.5" Ball Boom Shut-Off Valve

58301 - Stainless Steel

2" Ball Boom Shut-Off Valve

58302 - Stainless Steel

BOOM SHUT-OFF CABLES

25119 - Push/Pull Round Knob Cable

5' long

25122 - Push/Pull Round Knob Cable

6' long

25118 - Push/Pull T-Handle Cable

With locking T-Handle. 4.5' long

25120 - Push/Pull T-Handle Cable

With locking T-Handle. 5' long

25121 - Push/Pull T-Handle Cable

With locking T-Handle. 6' long

25123 - Push/Pull T-Handle Cable

With locking T-Handle. 8' long

25124 - Push/Pull T-Handle Cable

With locking T-Handle. 7' long

ACCESSORIES

STAINLESS STEEL DRY LOCKS

Standard Dry Locks:

2"

50002 - Adapter

Service Kit: 51935

3"

50003 - Adapter

Service Kit: 51937

Quick Disconnect Dry Locks:

2"

53002 - Adapter

Service Kit: 51935

3"

23003 - Adapter

Service Kit: 51937

ALUMINUM WIND DRIVEN PUMPS

25010 - Service Kit: 54346

25011 - Service Kit: 54346

25015 - 3" hose straight inlet & 2" hose outlet connector ports w/o fan.

Flow rate at 175 GPM/76 PSI at 3600 RPM

Service Kit: 54029

STAINLESS STEEL IMPELLERS

6" Stainless Steel Impellers:

52352 - Replaces 42352 aluminum Impeller. Fits 20783 & 20790 Pumps.

50887 - Replaces 40887 aluminum Impeller. Fits 21066 Pump.

53640 - Replaces Argonautics 6506 Impeller

6.5" Stainless Steel Impellers:

50782 - Replaces 40782 aluminum Impeller. Fits 21859, 21860, 21861, 21863, 21864, & 21869 Pumps

51420 - High Volume version of 50782

7" Stainless Steel Impellers:

50988 - Replaces 40988 aluminum Impeller

CESSNA COUPLING ASSEMBLY

50761 - Stainless Steel Coupling Assembly

For 51066 Pump. This 2" Q.D. angled female coupling assembly attaches the intake hose to the pump outlet.

20761 - Aluminum Coupling Assembly

Same as above



ACCESSORIES

THRUSH PUMP INLETS

50945 - Pump Inlet, stainless steel
2.5" hose at 60° inlet for 6.5" Pump

50944 - Pump Inlet, stainless steel
3" hose at 60° inlet for 6.5" Pump

50858 - Pump Inlet, stainless steel
3" hose straight inlet for 6.5" Pump

50859 - Pump Inlet, stainless steel
3" hose at 45° for 6.5" Pump



GRADUATED BOOM STOCKS

55097 - 1" Streamline Boom Stock (.049 wall)

55098 - 1.25" Streamline Boom Stock (.049 wall)

55101 - 1.5" Streamline Boom Stock (.049 wall)

55099 - 1.75" Streamline Boom Stock (.065 wall)

55100 - 2" Streamline Boom Stock (.065 wall)

55104 - 2" Airfoil Boom Stock (.065 wall)

55106 - 2.25" Streamline Boom Stock (.065 wall)

55102 - 2.5" Streamline Boom Stock (.065 wall)

55103 - 3" Streamline Boom Stock (.065 wall)

BOOM HANGERS

For AgCat:

22922 - Aluminum Boom Hangers for AgCat over wing.

56675 - Drop Hanger

56676 - Drop Hanger & fittings

Drop hanger with stainless steel Q.D. fittings & swivel boom hanger mount.

For Cessna:

23097 - Boom Hangers, long assembly

23098 - Boom Hangers, medium assembly

23099 - Boom Hangers short assembly

57543 - Boom & Hanger kit for Cessna, includes 2 each of:

23097, 23098, 23099 & 56543 Booms.

ACCESSORIES

END FITTINGS

*Stainless Steel:*41057 - 1" NPT Male plug41058 - 1" NPT Female half coupling50727 - Coupling assembly50913 - 1.5" Male Q.D. streamline coupling56505 - 1.5" Female Q.D. coupling56507 - 2" Female Q.D. coupling56506 - 2.5" Female Q.D. coupling56502 - 3" Female Q.D. coupling*Aluminum:*20727 - Coupling assembly

1.5" Female Q.D. fits streamline Boom

40913 - Male streamline coupling

1.5" Male Q.D. fits 30285 Y-Boom

41017 - Outboard end cap

1" Female Q.D.

41018 - Outboard end cap

1" Male Q.D.

STAINLESS STEEL BAFFLE

56716 - Stainless Steel Baffle

For 510 gallon Thrush hopper. Replaces factory aluminum baffle. 4 required.

OVERFLOW TUBE

56717 - Overflow Tube

For 510 gallon Thrush hopper. Stainless steel.

METERING PLATE

22752 - 41" Metering Plate

COMPONENTS

ADAPTERS

*Female Thread, Aluminum*85050 - 1"85051 - 1.25"85052 - 1.5"85053 - 2"85054 - 2.5"*Male Thread, Aluminum*85057 - 1"85058 - 1.25"85059 - 1.5"85060 - 2"85061 - 2.5"

QUICK DISCONNECT FITTINGS/COUPLERS

*Male Thread, Aluminum*85286 - 1"85287 - 1.25"85289 - 2"85290 - 2.5"*Female Thread, Aluminum*85255 - 1"85256 - 1.25"85257 - 1.5"85258 - 2"85259 - 2.5"

20761 - Coupling, female thread, 2" aluminum intake coupling from Gate Box. Cessna hydraulic spray system.

50761 - Coupling

Female Thread

Stainless steel version of 20761

56505 - Q.D. Coupling, Female

1.5" Stainless steel

56507 - Q.D. Coupling, Female

2" Stainless steel

Quick Disconnect Dust Caps with neoprene gaskets

*Aluminum*85319 - 1"85320 - 1.25"85321 - 1.5"85322 - 2"85323 - 2.5"85207 - 3"

COMPONENTS

QUICK DISCONNECT FITTINGS/COUPLERS (Continued)

*Stainless Steel*56508 - 1.5"56509 - 2"56511 - 2.5"56504 - 3"56501 - 4"*Hose, Aluminum*85280 - 1"85281 - 1.25"85282 - 1.5"85283 - 2"85284 - 2.5"85034 - 3"*Hose, Female, Stainless Steel*55282 - 1.5"55283 - 2"55284 - 2.5"55285 - 3"50903 - 4"*Male Q.D. with Flange, Stainless Steel*52619 - 2"56620 - 2.5"50909 - 3"*Q.D. to Hose at 90° Fitting, Stainless Steel*56584 - 2"56569 - 2.5"56599 - 3"*Gaskets for Quick Disconnect Fittings*85362 - 1"85366 - 1.25"85364 - 1.5"85363 - 2"85365 - 2.5"86188 - 3"86195 - 4"

PILOT CONTROLS

20875 - Micrometer

For Air Tractor. A micrometer screw mechanism permits ready adjustment of gate stop.

20884 - Micro Control for Thrush. A micrometer screw mechanism with graduated 12" scale.

5 turns per inch adjusts gate stop.

COMPONENTS

HOPPER WINDOW KITS

Air Tractor

54415 - Window Kit, 17" x 6"

Standard

54109 - Window Kit, 13" x 6"

Weatherly

54421 - Window Kit, 9" x 9.375", Fits 400 gallon hopper.

SPRAY CONTROL HANDLE

21611 - Spray Control Handle for Thrush & Air Tractor.
Screw type handle adjusts stop for precise metering of liquids.



FANS FOR BOOMMASTER & SPRAYING SYSTEMS

60010 - 20" Dia. Counter Clockwise Fan
Laminated birchwood construction. Two blades w/ 22° pitch.

60016 - 11" Dia. Counter Clockwise Fan
Laminated birchwood construction. Four blades.
Used w/ Transland wind-driven agitator Gate Boxes.

60011 - 20" Dia. Counter Clockwise Fan
Laminated birchwood construction. 4 blades w/ 22° pitch.

CLAMPS & LATCHES

20441 - Over-Center Latch
Used with quick disconnect Pump Mounts, Quick Disconnect
Flange & Line Strainers. Stainless steel.

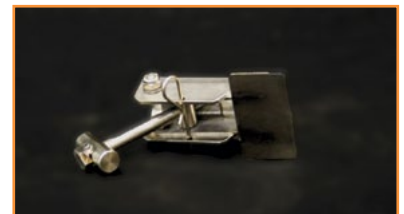
50217 - Latch Assembly
Attaches spreader to gate box. Stainless steel.

54102 - Latch Hook Assembly
Q.D. attachment for swathmaster or spreader to Gate Box. Stainless steel.

85154 - Knuvise Clamp, Small

85155 - Knuvise Clamp, Large

85170 - De-Sta-Co Clamp
Used on dump gate of boommaster Pumps



COMPONENTS

MALE Q.D. FLANGED FITTINGS

42618 - 1.5" Aluminum
52618 - 1.5" Stainless steel
42619 - 2" Aluminum
52619 - 2" Stainless steel
42620 - 2.5" Aluminum
56620 - 2.5" Stainless steel
40909 - 3" Aluminum
50909 - 3" Stainless steel



40271 - Flanged Fitting, angled
 2.5" Male Q.D. Aluminum

40317 Flanged Fitting, angled
 2" Male Q.D. Aluminum.

50317 Flanged Fitting, angled
 2" Male Q.D. Stainless steel.

BRAKE SHOES

Thrush, Ag-Cat, Snow & Stearman
50560 - Brake Shoe for 21859, 21860, 20861, 21864 & 21869
 Transland 6.5" Impeller spray Pumps.
 Also used on other types of spray Pumps.

Thrush & Ag-Cat
20503 - Brake Shoe for 20808 & 20810
 7" Impeller spray Pumps.

Cessna, Piper & Callair
20502 - Brake Shoe for 20783 & 20790
 6" Impeller spray Pumps.

SPACERS

52488 - Spacer w/ Quick Disconnect
 Stainless steel.

52487 - Spacer for Thrush. Valve to Gate Box.
 Stainless steel.

52587 - Spacer for Weatherly. Valve to Gate Box.
 Stainless steel.

COMPONENTS

SPRAY NOZZLES

85489 - Nozzle, Brass
.125" NPT. D6 orifice. #45 core.

85117 - Nozzle, Aluminum
.125" NPT. D8 orifice. #45 core.

85521 - Nozzle, Nylon
.125" NPT. D6 orifice. #45 core.

85884 - Nozzle Diaphragm

85614 - D6 Orifice
D2 to D6 orifices also available.

85248 - #45 Brass Core
#13, 23, 25, 46 & 56 Cores are also available.

81168 - .125" NPT Nipple

81175 - .125" NPT Plug

FOOT STEP

51917 - For use on any standard Foot Step.
Improves footing while entering the aircraft.
Stainless steel.

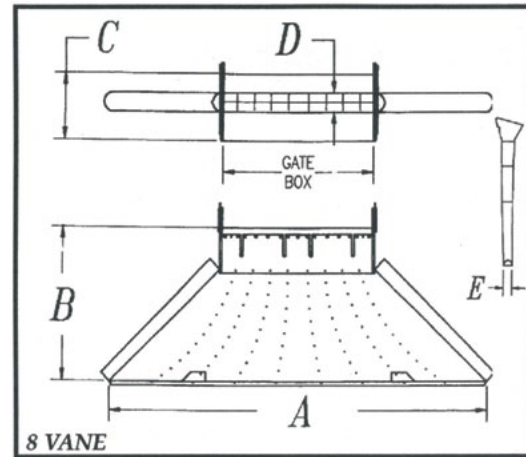
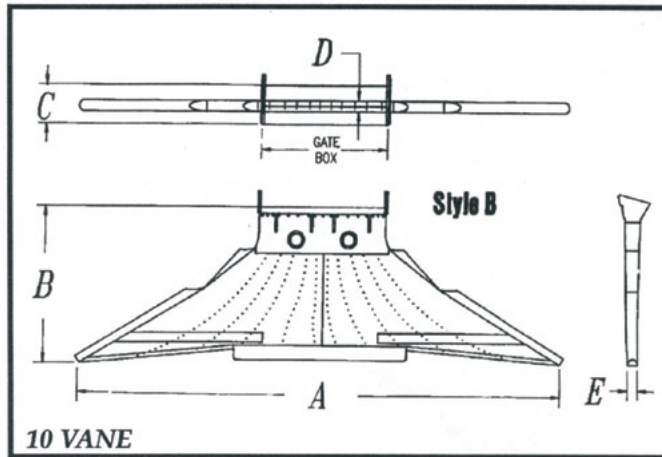
WRENCH STAINLESS STEEL SPRAY VALVES

51973 - Wrench
For installing & removing cap on 2" valves.

24072 - Wrench
For installing & removing cap on 2.5" & 3" valves.

APPENDIX

SPREADERS

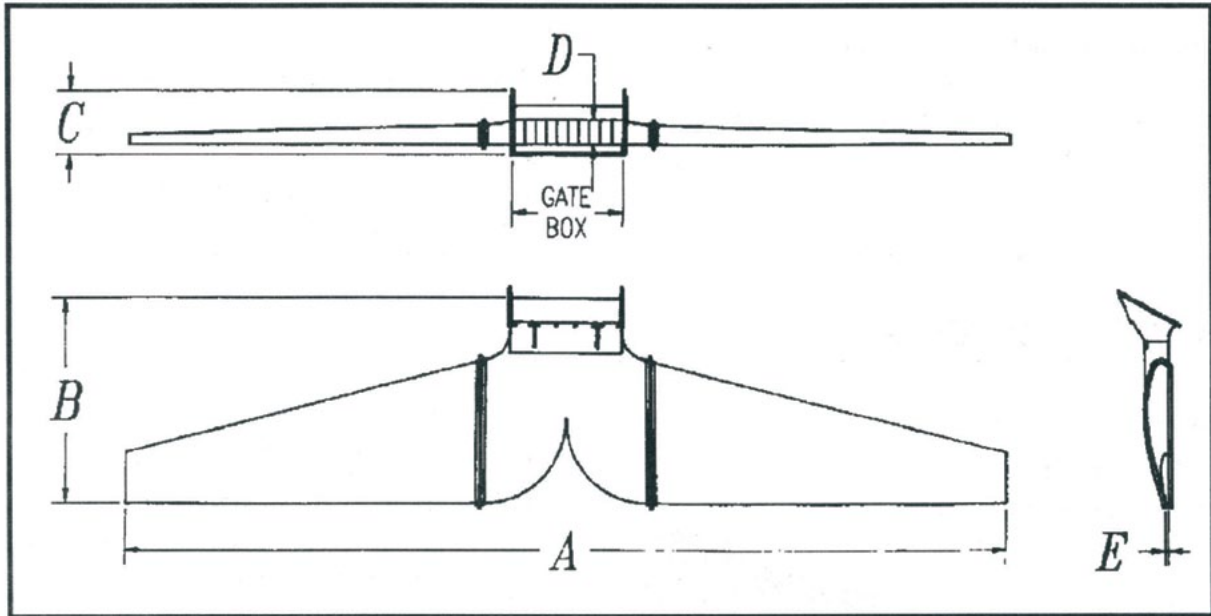


GATE SIZE	PART NO.	NO. VANES	A	B	C	D	E	WT.	COMMENTS
25*	20181	8	100	46	17	9.25	5	85	Similar to 20160 (fixed vane) with larger intake
25*	20241	8	100	45	13	5.5	4	80	Slimline version of 20160
25*	22118	8	100	45	17.25	10.5	6.4	90	Deep Throat for 25" Gate Box
25*	20330	8	80.5	34	8.75	8.75	5	80	High volume tail assembly
38	22003	4	X	X	X	X	X	X	4 vane Fire Gate Box spreader
38	22009	8	X	X	X	X	X	230	For 10" fire gate box
38*	22357	8	92.5	46	13.5	7.25	4.62	97	Slimline for Air Tractor and Ag-Cat
38	23538	10	157	54	15	8	6.5	160	10 Vane Deep Throat
38	23539	10	157	54	12.75	4.75	3.2	160	10 Vane Slimline
38*	22355	8	92.5	46	16	9.25	5	120	Originally designed for 38" Gate Box on Ag-Cat
38	22358	8	92.5	46	16.75	9.25	6.75	144	Most widely used on Air Tractor
38	23502	10	157	54	13.5	7	4.5	160	38" Gate Box version of 10 Vane Spreader, most popular
38*	22008	8	100	45	17.25	10.5	6.4	130	Deep Throat Spreader for high volume on Air Tractor
38	23537	10	157	54	X	X	X	160	10 Vane Deep Throat
41	20250	8	100	45	15.5	8.75	6.5	125	Mostly used on the Thrush & M18
41	23501	10	157	54	13.5	7	4.5	160	Original 10 vane spreader designed for Thrush & M18
41	22007	8	100	45	17.25	10.5	6.4	130	Deep Throat Spreader for high volume on Thrush & M18
41	23506	10	157	54	15	8	6.5	160	10 Vane Deep Throat
41	23533	10	157	54	XX	XX	XX	160	10 Vane Deep Throat

*These are not stock items, call for pricing and availability.

APPENDIX

SWATHMASTERS



GATE BOX	PART NO.	A	B	C	D	E	WT.	COMMENTS
25	54401	205	40	10	8	1.62	126	Swathmaster
31*	54336	199.62	31	13.7	4.9	.75	81	Fits Piper Brave only
38	54597	218	40	10	8	1.62	105	Air Tractor
38*	54495	206	38	14	5	.75	80	Small Swathmaster
38	54496	202	37	16	8	1.62	85	Air Tractor
38*	54497	290	40	10	8	1.62	103	Air Tractor 802 / 24 foot span
41	54499	205	37	10	8	1.62	105	Thrush

*These are not stock items, call for pricing and availability.

APPENDIX

AIRCRAFT CALIBRATION

FORMULA: Acres per minute =
$$\frac{2 \times \text{swath width} \times \text{miles per hour}}{1,000}$$

The chart below shows the rate (in acres per minute) at which spray or dry material can be applied when swath width and speed of aircraft are known. For swath widths or aircraft speeds other than those shown, interpolate or use combinations of the figures shown. To find the rate of flow in gallons per minute or pounds per minute, multiply the acres per minute by the number of gallons or pounds per acre to be applied.

Example: A 100 m.p.h. aircraft has a 40 foot effective swath. Follow the vertical 40 foot column down until the figure opposite 100 m.p.h. is intersected. The aircraft would cover 8.0 acres per minute. If one gallon of spray is to be applied per acre, the aircraft should be calibrated to disperse liquid at the rate of 1 x 8.0 or 8.0 gallons per minute. If 10 pounds of dry material is to be applied per acre, the aircraft should be calibrated to disperse material at the rate of 10 X 8.0 or 80 pounds per minute.

Speed MPH	30' Swath	35' Swath	40' Swath	45' Swath	50' Swath	75' Swath	100' Swath	200' Swath	300' Swath	500' Swath
75	4.5	5.2	6.0	6.7	7.5	11.2	15.0	30.0	45.0	75.0
80	4.8	5.6	6.4	7.2	8.0	12.0	16.0	32.0	48.0	80.0
85	5.1	5.9	6.8	7.6	8.5	12.7	17.0	34.0	51.0	85.0
90	5.4	6.3	7.2	8.1	9.0	13.5	18.0	36.0	54.0	90.0
95	5.7	6.6	7.6	8.5	9.5	14.2	19.0	38.0	57.0	95.0
100	6.0	7.0	8.0	9.0	10.0	15.0	20.0	40.0	60.0	100.0
110	6.6	7.7	8.8	9.9	11.0	16.5	22.0	44.0	66.0	110.0
120	7.2	8.4	9.6	10.8	12.0	18.0	24.0	48.0	72.0	120.0
130	7.8	9.1	10.4	11.7	13.0	19.5	26.0	52.0	78.0	130.0
140	8.4	9.8	11.2	12.6	14.0	21.0	28.0	56.0	84.0	140.0
150	9.0	10.5	12.0	13.5	15.0	22.5	30.0	60.0	90.0	150.0

Computation of Acreage and Materials

FORMULA: Acres covered =
$$\frac{\text{Length of swath in miles} \times \text{width of swath in feet}}{8.25}$$

The number of acres in a swath of given width and length can be determined from the chart below.

To determine the amount of pesticide required, multiply the acres by the desired rate of application.

Example: An aircraft with a 40 foot effective swath treats a one mile long strip. To find the number of acres, follow the 40 foot vertical column down until it intersects the one mile line. The answer to the nearest tenth is 4.8 acres. For swath widths other than those shown, interpolate or use combinations of the figures shown.

Swath Length (Miles)	30' Swath	35' Swath	40' Swath	45' Swath	50' Swath	75' Swath	100' Swath	200' Swath	300' Swath	500' Swath
1/4	.9	1.1	1.2	1.4	1.5	2.3	3.0	6.1	9.1	15.2
1/2	1.8	2.1	2.4	2.7	3.0	4.5	6.1	12.1	18.2	30.3
3/4	2.7	3.2	3.6	4.1	4.6	6.8	9.1	18.2	27.3	45.4
1	3.6	4.2	4.8	5.5	6.1	9.1	12.1	24.2	36.4	60.6
2	7.2	8.4	9.6	10.9	12.1	18.2	24.2	48.5	72.7	121.2
3	10.8	12.6	14.5	16.4	18.2	27.3	36.4	72.7	109.1	181.8
4	14.4	16.8	19.4	21.8	24.2	36.4	48.5	97.0	145.4	242.4
5	18.0	21.0	24.2	27.3	30.3	45.5	60.6	121.1	181.8	303.0

[illegible]



BOOM ORDER FORM BY FAX

TO: TRANSLAND

FAX : (940) 687-1941

ATTN: SALES

PHONE : 940-687-1100

FROM:

NAME: _____

COMPANY: _____

TELEPHONE NO.: _____

FAX NO.: _____

☐ 1/2" ☐ MALE ☐ NPT
☐ 3/4" ☐ FEMALE ☐ Q.D.
☐ 1" ☐

☐ 1"
☐ 1-1/2"
☐ 2"
☐ 2-1/2"
☐ 3"

☐ ROUND
☐ STREAMLINE
☐ AIRFOIL

☐ 1" ☐ MALE ☐ Q.D.
☐ 1-1/2" ☐ FEMALE ☐ HOSE
☐ 2" ☐ ☐ FITTING
☐ 2-1/2"
☐ 3"

FITTING TYPE

TUBING

FITTING TYPE

OUTBOARD

INBOARD



NIPPLE REQUIREMENTS

☐ 1/8" ☐ MALE
☐ 1/4" ☐ FEMALE

TOTAL NO. OF NIPPLES: _____

NOTE: AIRFOIL IS ONLY AVAILABLE IN 2"

A = OVERALL LENGTH: _____

B = INBOARD END TO FIRST FITTING: _____

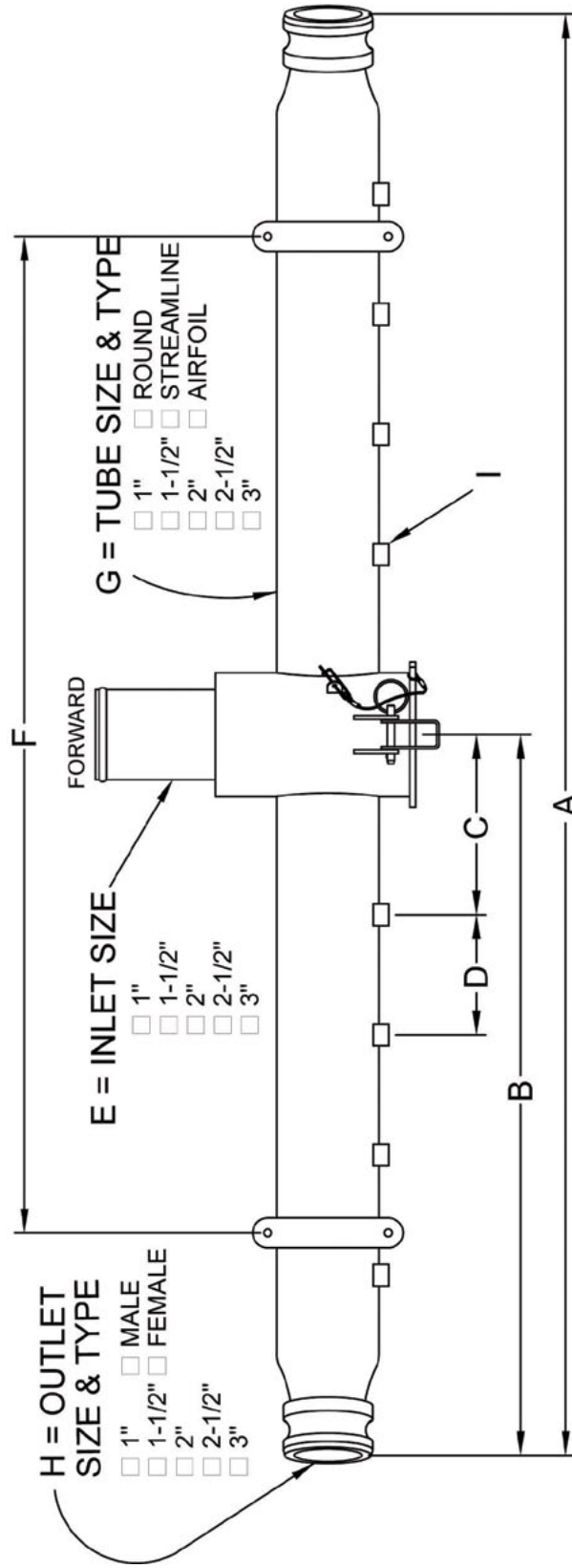
C = DISTANCE CENTER TO CENTER OF FITTINGS: _____



CENTER BOOM ORDER FORM

BY FAX

TRANSLAND	FROM:	NAME: _____
FAX: (940)687-1941	COMPANY: _____	
ATTN: SALES	TELEPHONE NO.: _____	
PHONE : 940-687-1100	FAX NO.: _____	

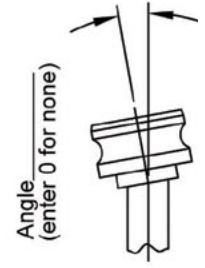


NOTE : AIRFOIL IS ONLY AVAILABLE IN 2"

I - NIPPLE SIZE AND TYPE

☐ 1/8"	☐ MALE
☐ 1/4"	☐ FEMALE
TOTAL NO. OF NIPPLES: _____	

A = Overall Length
 B = Distance From Center of Inlet To End of Outlet
 C = Distance From Center of Inlet to Center of 1st Nipple
 D = Spacing of Nipples
 F = Center to Center Distance Between Boom Hangers

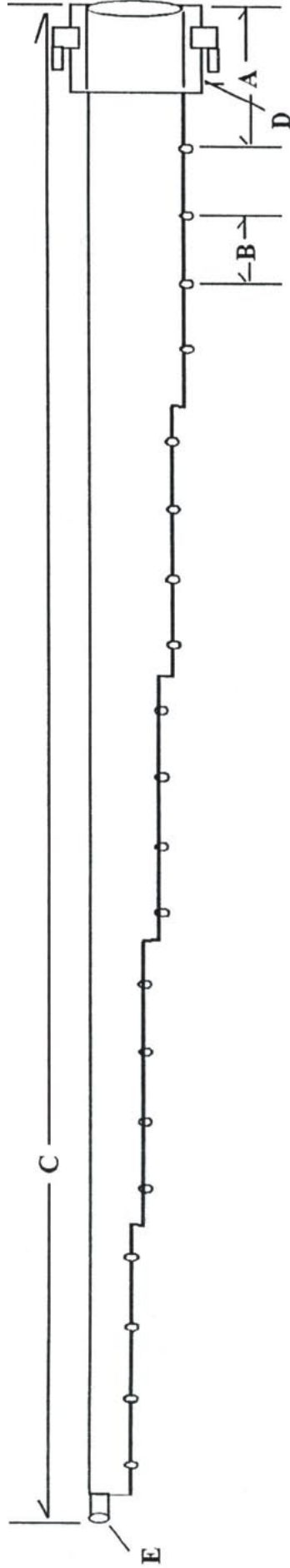




GRADUATED BOOM ORDER FORM

BY FAX

TO: TRANSLAND	FROM:	NAME: _____
FAX: (940) 697-1941	COMPANY: _____	
ATTN: SALES	TELEPHONE NO.: _____	
PHONE: 940-687-1100	FAX NO.: _____	



A = Distance from inboard end of boom to center of first nipple: _____

B = Boom overall length(end to end): _____

Number of graduations: _____

Starting graduation size: _____

Total number of nipples: _____

Hanger placements _____

Aircraft Type _____ Model _____

Tube Section Sizes Available

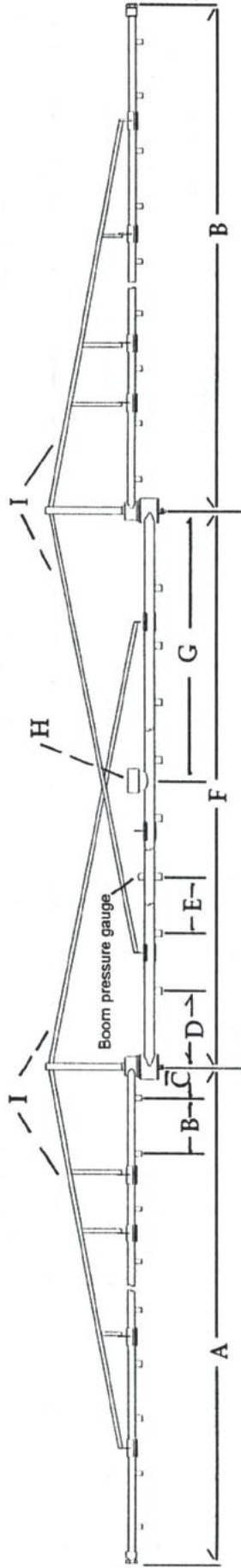
58520	THRUSH	2" Standard	4 Grads
58521	AIR TRACTOR	2" Standard	4 Grads
58524	AG-CAT	2" Standard	4 Grads
58525	BRAVE	2" Standard	4 Grads
58543	CESSNA	2" Standard	4 Grads
58571	WEATHERLY	2" Standard	4 Grads
58579	WEATHERLY	2-1/2"	4 Grads
58519	THRUSH	2-1/2"	5 Grads
58572	WEATHERLY	2-1/2"	6 Grads
58522	THRUSH	2-1/2"	6 Grads
58523	AIR TRACTOR	2-1/2"	6 Grads



HELICOPTER BOOM ORDER FORM

BY FAX

TO: TRANSLAND	FROM:	NAME: _____
FAX : (940) 687-1941	COMPANY: _____	
ATTN: SALES	TELEPHONE NO.: _____	
PHONE: 940-687-1100	FAX NO.: _____	



REQUIREMENTS

(AS VIEWED FROM THE PILOT SEAT)

Type of Aircraft _____ Graduated Booms(circle 2 or 3 sizes) 1½ 1¼ 1

AL & AR = _____ Overall length of outboard booms

B = _____ Center to center distance of nipples on outboard booms

C = _____ Distance from center post to first nipple on outboard boom

D = _____ Distance from center post to first nipple on center boom

E = _____ Center to center distance of nipples on center boom

F = _____ Overall length of center boom from center to center of posts

G = _____ Distance from right hand post to center of inlet

H = _____ Inlet size _____ Male _____ Female

I = Include Stainless Steel tubular braces (at extra charge) _____ Yes _____ No

Nipple Requirements

Type	Location
☐ Male	☐ On Bottom
☐ Female	☐ On Trailing Edge

Size
☐ 1/8"
☐ 1/4"

Total Number of Nipples _____

Standard outboard washout is 1/2" female pipe thread with hex plug, Specify:

☐ Standard ☐ Other _____

COMMENTS: _____

Distributors



Arkansas

American Aviation, Inc.
P.O. Box 482
Walnut Ridge AR 72467
(870) 886-2418

Frost Flying Service, Inc.
3393 HWY 121 WEST
Marianna, AR 72360
(870) 295-6218

South Delta Aviation, Inc.
124 Phillips 204 RD
West Helena, AR 72390
(870) 572-9011

Crowley Ridge Aviation, Inc.
230 Phillips 204 RD
West Helena, AR 72390
(870) 572-9013

California

Johnston Aircraft Service, Inc.
P.O. Box 1457
Tulare, CA 93275
(559) 686-1794

Valley Air Crafts
P.O. Box 566
Tulare, CA 93275
(559) 686-7401

Jones Flying Service
P.O. BOX 497
Biggs, CA 95917
(530) 868-1222

Florida

Airparts Company Inc.
2310 NW 55th Court
Ft. Lauderdale, FL 33309
(954) 739-3575

Southeastern Aircraft Sales
2720 Sneed RD
Fort Pierce FL 34945
(772) 461-8924

Georgia

Southern Field Aviation
223 Airport Rd
Americus, GA 31709
(229) 924-2813

Thrush Aircraft, Inc.
300 Old Pretoria RD
Albany GA 31706
(229) 883 1440

Idaho

Queen Bee Air Specialties
136 N Yellowstone Hwy
Rigby, ID 83442
(800) 736-7654

R & S Aviation (Gustin)
P.O. BOX 519
Lewiston, ID 83501
(208) 743-1554

Illinois

Farm Air, Inc
P.O. BOX 476
Fairfield, IL 62837
(618) 842-7121

Louisiana

Landry Aero
584 Nighthawk Road
Morse, LA 70559
(337) 783-7366

Lyon Flying Service
P.O. BOX 726
Welsh, LA 70951 USA
(337) 734-2594

Mississippi

Abide AG-Aero Corp.
P.O. Box 5755
Greenville, MS 38704
(662) 378-2205

Air Repair, Inc.
920 Airport Service RD
Cleveland, MS 38732
(662) 846-0228

Missouri

Mid-Continent Aircraft Corp.
1601 HWY 84 EAST
Hayti, MO 63851
(800) 325-0885

Earl's Flying Service
1051 Administration Dr.
Steele, MO 63877
(573) 695-3842

Nebraska

Hershey Flying Service
P.O. BOX 215
HERSHEY, NE 69143
(308) 368-5556

North Carolina

Air Car, Inc.
P.O. BOX 7668
Rocky Mount, NC 27804
(800) 334-9816

North Dakota

Sky Tractor Supply
16285 5th ST. NE
Hillsboro ND 58045
(800) 437-5319

Oklahoma

J & C Enterprise
Airport Road #14
Thomas OK 73669
(800) 542-8565

Texas

Lane Aviation.
3205 FM 2218
Rosenberg TX, 77471
(800) 231-6376

Neal Aircraft, Inc.
Rt 4, Box 7
Slaton, TX 79364
(877) 647-6325

Air Tractor, Inc.
P.O. BOX 485
Olney, TX 76374
(940) 564-5616

George's Aircraft
11674 Hwy. 70
Vernon, TX 76384
(940) 552-5869

International

Argentina

Aravia S.A.
Dorrego 651 (S2600GAI)
Venado Tuerto
Santa Fe, Argentina
54 3462 433540

Australia

Field Air
184 Airport Access RD
Ballarat Airport
Victoria 3351
+61 3 5339 1222

Statewide Aviation
West Side Airport
Blueberry Rd. Moree NSW 2400
02 6751 1500

Canada

Yorkton Aircraft Service Ltd.
Box 1604 Yorkton
Saskatchewan, Canada
800-776-4656

South Africa

Orsmond Aviation
P.O. BOX 144
Bethlehem, Free State, 9700
South Africa
+27-(0)-58-303-5261