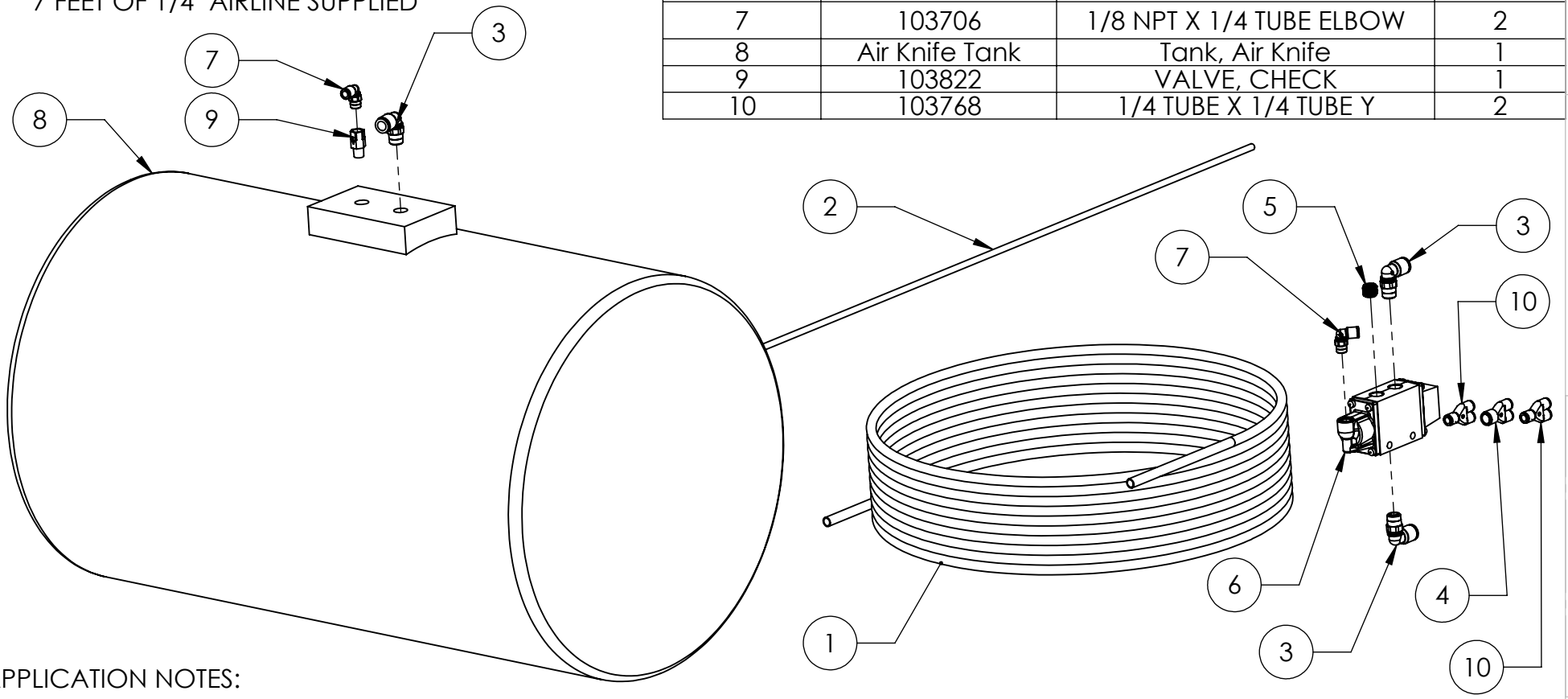
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	CHANGED ITEM DESCRIPTION	9/20/2012	CL

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102543-BL	3/8" AIRLINE BLACK	1
2	102544-R	1/4" AIRLINE RED	1
3	103882	1/4 NPT X 3/8 TUBE ELBOW	3
4	103881	1/4 TUBE X 3/8 TUBE Y	1
5	103883	1/4 NPT SOCKET PLUG	1
6	103886	NUGGET VALVE, AIR PILOT	1
7	103706	1/8 NPT X 1/4 TUBE ELBOW	2
8	Air Knife Tank	Tank, Air Knife	1
9	103822	VALVE, CHECK	1
10	103768	1/4 TUBE X 1/4 TUBE Y	2

40 FEET OF 3/8" AIRLINE SUPPLIED AND
7 FEET OF 1/4" AIRLINE SUPPLIED



APPLICATION NOTES:

THERE ARE VARIATIONS OF THE ABOVE CONFIGURATION THAT WILL WORK DEPENDING ON COMPONENT LOCATIONS.

GENERAL OPERATION:
1. ROD SIDE OF CYLINDER SUPPLY IS "T"D AND SUPPLIES AIR TO TANK THROUGH NON-RETURN VALVE
2. BASE SIDE OF CYLINDER SUPPLY IS "T"D AND SUPPLIES TO AIR PILOT OF NUGGET VALVE
3. OUTLET OF TANK PLUMBED TO SINGLE SIDE OF VALVE
4. NON-PLUGGED OUTLET OF VALVE PLUMBED TO AIR KNIFE
5. 3/8" LINE PLUMBED TO BOTH SIDES OF 1/4" LINE IN COVER USING "Y"

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS IN INCHES
TOLERANCES:
LINEAR
X.XX ±.015
X.XXX ±.005
ANGULAR ±1°

MATERIAL

FINISH

	NAME	DATE
DRAWN	IS-CJL	4/15/10
ENG APPR.	IS-CJL	4/15/10
MFG APPR.		

THIRD ANGLE PROJECTION

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PIVOTAL EDGE

TITLE:
Auto Airknife Assembly

SIZE	DWG. NO.	REV
A	103885	A

MASS
LB

SHEET
1 OF 1