

Koch Louis F  
 Form 3  
 December 22, 2005

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |         |          |   |  |   |   |
|---|---------|----------|---|--|---|---|
| 1. Name and Address of Reporting Person * |         |          | 2. Date of Event Requiring Statement  |  | 3. Issuer Name and Ticker or Trading Symbol |   |
| Koch Louis F                              |         |          | 12/15/2005  |  | AVIALL INC [AVL]                            |   |
| (Last)                                    | (First) | (Middle) | 4. Relationship of Reporting Person(s) to Issuer  |  |   | 5. If Amendment, Date Original Filed(Month/Day/Year)  |
| P.O. BOX 619048                           |         |          | (Check all applicable)  |  |   | 6. Individual or Joint/Group Filing(Check Applicable Line)  |
| (Street)                                  |         |          | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other<br>(give title below)    (specify below) |  |   | <input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |
| DALLAS, TX 75261                          |         |          | Vice President-Human Resources  |  |   |   |
| (City)                                    | (State) | (Zip)    |   |  |   |   |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 9,356  | D   |  |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security:<br>Direct (D)<br>or Indirect | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|--|--|--|
|   | Date Exercisable    Expiration Date                         | Title    Amount or Number of   |  |  |  |

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|   |       |            |                 | Shares |            | (I)<br>(Instr. 5) |   |
|---|-------|------------|-----------------|--------|------------|-------------------|---|
| Employee Stock Option<br>(right to buy) | Â (1) | 11/08/2008 | Common<br>Stock | 10,000 | \$ 11.75   | D                 | Â |
| Employee Stock Option<br>(right to buy) | Â (1) | 01/25/2009 | Common<br>Stock | 12,000 | \$ 11.0625 | D                 | Â |
| Employee Stock Option<br>(right to buy) | Â (1) | 03/14/2010 | Common<br>Stock | 8,000  | \$ 8.9375  | D                 | Â |
| Employee Stock Option<br>(right to buy) | Â (1) | 01/19/2011 | Common<br>Stock | 9,000  | \$ 6.1875  | D                 | Â |
| Employee Stock Option<br>(right to buy) | Â (1) | 01/29/2012 | Common<br>Stock | 7,200  | \$ 7.1     | D                 | Â |
| Employee Stock Option<br>(right to buy) | Â (2) | Â (2)      | Common<br>Stock | 6,100  | \$ 7.46    | D                 | Â |
| Employee Stock Option<br>(right to buy) | Â (3) | Â (3)      | Common<br>Stock | 4,400  | \$ 15.6    | D                 | Â |
| Employee Stock Option<br>(right to buy) | Â (4) | Â (4)      | Common<br>Stock | 5,500  | \$ 22.7    | D                 | Â |

## Reporting Owners

| Reporting Owner Name / Address                      | Relationships |           |                                  |       |
|---|---------------|-----------|----------------------------------|-------|
|   | Director      | 10% Owner | Officer                          | Other |
| Koch Louis F<br>P.O. BOX 619048<br>DALLAS, TX 75261 | Â             | Â         | Â Vice President-Human Resources | Â     |

## Signatures

R. Sean Elliott, attorney-in-fact for Louis F.  
Koch

12/22/2005

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) The option is fully vested.

The option became exercisable as to 2,013 shares on January 30, 2004 and will expire with respect to those shares on January 30, 2009.

(2) The option became exercisable as to 2,013 shares on January 30, 2005 and will expire with respect to those shares on January 30, 2010.  
The option vests as to 2,074 shares on January 30, 2006 and will expire with respect to those shares on January 30, 2011.

The option became exercisable as to 1,452 shares on January 28, 2005 and will expire with respect to those shares on January 28, 2010.

(3) The option became exercisable as to 1,496 shares on November 15, 2005 and will expire with respect to those shares on January 28, 2012.  
The option vests as to 1,452 shares on January 28, 2006 and will expire with respect to those shares on January 28, 2011.

The option became exercisable as to 1,815 shares on November 15, 2005 and will expire with respect to those shares on January 27, 2012.

(4) The option became exercisable as to 1,870 shares on November 15, 2005 and will expire with respect to those shares on January 27, 2013.  
The option vests as to 1,815 shares on January 27, 2006 and will expire with respect to those shares on January 27, 2011.

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