



Figure 7.19 The AIRLINE relational database schema.

7.20. Consider the AIRLINE relational database schema shown in Figure 7.19, which describes a database for airline flight information. Each FLIGHT is identified by a flight NUMBER, and consists of one or more FLIGHT_LEGS with LEG_NUMBERS 1, 2, 3, etc. Each leg has scheduled arrival and departure times and airports and has many LEG_INSTANCES—one for each DATE on which the flight travels. FARES are kept for each flight. For each leg instance, SEAT_RESERVATIONS are kept, as are the AIRPLANE used on the leg and the actual arrival and departure times and airports. An AIRPLANE is identified by an AIRPLANE_ID and is of a particular AIRPLANE_TYPE. CAN_LAND relates