

ADA-ES INC
Form SC 13D/A
July 30, 2007

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

**SCHEDULE 13D
Under the Securities Exchange Act of 1934**

(Amendment No. 1)

ADA-ES, Inc.
(Name of Issuer)

Common Stock, no par value
(Title of Class of Securities)

005208103
(CUSIP Number)

Simon M. Lorne, Esq.
Millennium Management, L.L.C.
666 Fifth Avenue, 8th Floor
New York, New York 10103
(212) 841-4100

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

July 26, 2007
(Date of event which requires filing of this statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because § 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g) check the following box .

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Millennium Partners, L.P. 13-3521699
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="radio"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 125,000
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 125,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 125,000
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 2.2%
14	TYPE OF REPORTING PERSON PN

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Millennium Equity Traders, Ltd. 98-0515551
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="radio"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 10,000
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 10,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.2%
14	TYPE OF REPORTING PERSON CO

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Integrated Holding Group, L.P. 13-3631307
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="radio"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 10,000
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 10,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.2%
14	TYPE OF REPORTING PERSON HC, PN

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Millennium International Management, L.P. 13-3994985
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="radio"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 10,000
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 10,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.2%
14	TYPE OF REPORTING PERSON PN

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Millennium International Management GP, L.L.C. 20-5077371
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="radio"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 10,000
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 10,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10,000
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.2%
14	TYPE OF REPORTING PERSON HC, OO

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Millenco, L.L.C. 13-3532932
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="radio"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 101,978
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 101,978
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 101,978
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.8%
14	TYPE OF REPORTING PERSON OO, BD

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Millennium Management, L.L.C. 13-3804139
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="checkbox"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 236,978
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 236,978
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 236,978
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.2%
14	TYPE OF REPORTING PERSON OO

SCHEDULE 13D

CUSIP No. 005208103	
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Israel A. Englander
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="checkbox"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS WC, OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER -0-
	8 SHARED VOTING POWER 236,978
	9 SOLE DISPOSITIVE POWER -0-
	10 SHARED DISPOSITIVE POWER 236,978
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 236,978
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.2%
14	TYPE OF REPORTING PERSON IN

Explanatory Note

Introduction

This Amendment No. 1 to Schedule 13D ("Amendment No. 1 to Schedule 13D") amends the Schedule 13D filed on July 9, 2007 (the "Schedule 13D") by the Reporting Persons, relating to their beneficial ownership of the Common Stock (as defined in Item 1, below), of ADA-ES, Inc., a Colorado corporation (the "Issuer").

Amendment No. 1 (i) amends and restates Item 2, Item 3, Item 5 and Item 6, (ii) adds Millennium Equity Traders, Ltd., as a Reporting Person and (iii) reflects a material change in the number of shares beneficially owned by each Reporting Person and the percentage of class represented by such ownership since the filing of the Schedule 13D for each Reporting Person. Except for the above-referenced amendments, Amendment No. 1 does not modify any of the information previously reported on the Schedule 13D.

Item 1. Security and Issuer.

The name of the Issuer is ADA-ES, Inc. The address of the Issuer's offices is 8100 SouthPark Way, B, Littleton, Colorado 80120. This Schedule 13D relates to the Issuer's common stock, no par value (the "Common Stock").

Item 2. Identity and Background.

(a)-(c), (f). This statement is being filed by Millennium Partners, L.P., a Cayman Islands exempted limited partnership ("Millennium Partners"), Millennium Equity Traders, Ltd., an exempted limited company incorporated in the Cayman Islands ("Millennium Equity Traders") and Millenco, L.L.C., a Delaware limited liability company, formerly known as Millenco, L.P., a Delaware limited partnership ("Millenco"). Millenco is a broker-dealer and a member of the American Stock Exchange and the NASDAQ.

Integrated Holding Group, L.P., a Delaware limited partnership ("Integrated Holding Group") is the 100% shareholder of Millennium Equity Traders, and consequently may be deemed to have voting control and investment discretion over securities owned by Millennium Equity Traders. Millennium Management, L.L.C., a Delaware limited liability company ("Millennium Management") is the managing partner of Millennium Partners, the general partner of Integrated Holding Group and the manager of Millenco and consequently may be deemed to have voting control and investment discretion over securities owned or deemed to be beneficially owned by Millennium Partners, Integrated Holding Group or Millenco, as the case may be. Millennium International Management, L.P., a Delaware limited partnership ("Millennium International Management") is the investment manager to Millennium Equity Traders, and consequently may be deemed to have voting control and investment discretion over securities owned by Millennium Equity Traders. Millennium International Management GP, L.L.C., a Delaware limited liability company ("Millennium International Management GP") is the general partner of Millennium International Management, and consequently may be deemed to have voting control and investment discretion over securities deemed to be beneficially owned by Millennium International Management. Israel A. Englander ("Mr. Englander") is the managing member of Millennium Management and of Millennium International Management GP, and consequently may be deemed to be the beneficial owner of any shares deemed to be beneficially owned by Millennium Management or Millennium International Management GP, as the case may be. The foregoing should not be construed in and of itself as an admission by Millennium Management, Integrated Holding Group, Millennium International Management, Millennium International Management GP, or Mr. Englander as to beneficial ownership of the shares owned by Millennium Partners, Millennium Equity Traders or Millenco, as the case may be.

The business address for Millenco, Millennium Management, Integrated Holding Group and Mr. Englander is c/o Millennium Management, L.L.C., 666 Fifth Avenue, New York, New York 10103. The business address for Millennium Equity Traders, Millennium International Management, and Millennium International Management GP is c/o Millennium International Management, L.P., 666 Fifth Avenue, New York, New York 10103. Mr. Englander is a

United States citizen.

Note: Integrated Holding Group, L.P., a Delaware limited partnership ("Integrated Holding Group"), is a non-managing member of Millenco. As a non-managing member, Integrated Holding Group has no investment or voting control over Millenco or its securities positions.

(d) During the last five years, none of the Reporting Persons has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).

(e) On December 1, 2005, Millennium Management, Millennium International Management and Mr. Englander, together with Millennium Partners and certain related persons and entities, entered into settlements with the Securities and Exchange Commission ("SEC") and the Attorney General of the State of New York (the "NYAG") relating to allegations that Millennium Partners had engaged in a pattern of deceptive "market timing" of mutual fund shares in years prior to 2004 and, in the case of the settlement with the NYAG only, had failed to take adequate steps to prevent a trader from engaging in mutual fund "late trading" in violation of firm policy. The parties neither admitted nor denied the allegations or findings (except as to jurisdiction) but consented to the entry of findings. The SEC proceedings are In the Matter of Millennium Partners, L.P., et al. Securities Act Release No. 8639 (December 1, 2005), available at www.sec.gov. Contemporaneously, the NYAG issued an Assurance of Discontinuance relating to the claims and findings of that office.

Neither the Reporting Persons nor any other party admitted or denied any of the allegations or findings in these matters. The remedies included disgorgement by the entities of approximately \$148 million of mutual fund trading profits, civil penalties aggregating approximately \$32.15 million (with approximately \$30 million being paid by Mr. Englander), an administrative order to cease and desist from violations of the antifraud provisions of the Securities Act and the Securities Exchange Act, and prophylactic relief.

Item 3. Source and Amount of Funds or Other Consideration.

The amount of funds used to purchase the shares of Common Stock held by Millennium Partners, Millennium Equity Traders and Millenco in transactions giving rise to this Schedule 13D was approximately \$1,000,000, \$137,600 and \$1,901,500, respectively, calculated on an average cost basis (excluding brokerage commissions) by account. Millennium Partners, Millennium Equity Traders and Millenco effect purchases of securities primarily through margin accounts maintained for them with prime brokers, which may extend margin credit to Millennium Partners, Millennium Equity Traders and Millenco as and when required to open or carry positions in the margin accounts, subject to applicable Federal margin regulations, stock exchange rules and the prime broker's credit policies. In such instances, the positions held in the margin accounts are pledged as collateral security for the repayment of debit balances in the accounts.

Item 4. Purpose of Transaction.

The Reporting Persons are engaged in the investment business. In pursuing this business, the Reporting Persons analyze the operations, capital structure and markets of companies, including the Issuer, on a continuous basis through analysis of documentation and discussions with knowledgeable industry and market observers and with representatives of such companies (often at the invitation of management). From time to time, one or more of the Reporting Persons may hold discussions with third parties or with management of such companies in which the Reporting Persons may suggest or take a position with respect to potential changes in the operations, management or capital structure of such companies as a means of enhancing shareholder value. Such suggestions or positions may relate to one or more of the transactions specified in clauses (a) through (j) of Item 4 of Schedule 13D of the Exchange Act, including, without limitation, such matters as disposing of or selling all or a portion of the company or acquiring another company or business, changing operating or marketing strategies, adopting or not adopting certain types of anti-takeover measures and restructuring the Issuer's capitalization or dividend policy.

The Reporting Persons employ the services of a number of portfolio managers, each of whom independently employs a separate and distinct trading strategy. A portion of the securities of the Issuer held by the Reporting Persons are held in accounts of the Reporting Persons managed by portfolio managers who engage in event-, risk- or merger-arbitrage or fundamental strategies.

Except as set forth above, the Reporting Persons do not have any present plans or proposals that relate to or would result in any of the actions required to be described in Item 4 of Schedule 13D. Each of the Reporting Persons may, at any time, review or reconsider its position with respect to the Issuer and formulate plans or proposals with respect to any of such matters, but has no present intention of doing so.

Item 5. Interest in Securities of the Issuer.

(a) As of the date of this filing, (i) Millennium Partners is the beneficial owner of 125,000 shares of Common Stock, (ii) Millennium Equity Traders is the beneficial owner of 10,000 shares of Common Stock and (iii) Millenco is the beneficial owner of 101,978 shares of Common Stock.

Integrated Holding Group, as the 100% shareholder of Millennium Equity Traders, may also be deemed to beneficially own the above-described shares of Common Stock beneficially owned by Millennium Equity Traders.

Millennium Management, as the managing partner of Millennium Partners, the general partner of Integrated Holding Group and as the manager of Millenco, may also be deemed to beneficially own the above-described shares of Common Stock beneficially owned by Millennium Partners, Millennium Equity Traders or Millenco, as the case may be.

Millennium International Management, as the investment manager to Millennium Equity Traders, may also be deemed to beneficially own the above-described shares of Common Stock beneficially owned by Millennium Equity Traders.

Millennium International Management GP, as the general partner of Millennium International Management, may also be deemed to beneficially own the above-described shares of Common Stock beneficially owned by Millennium Equity Traders.

Mr. Englander, as the managing member of Millennium Management and of Millennium International Management GP, may also be deemed to beneficially own the above-described shares of Common Stock beneficially owned by Millennium Partners, Millennium Equity Traders or Millenco, as the case may be.

Accordingly, as of the date of this filing; (1) Integrated Holding Group, Millennium International Management and Millennium International Management GP, may be deemed to be the beneficial owners of 10,000 shares of Common Stock; and (2) Millennium Management and Mr. Englander may be deemed to be the beneficial owner of 236,978 shares of Common Stock, which represents in the aggregate approximately 4.2% of the outstanding Common Stock. The calculation of the foregoing percentage is on the basis of 5,638,774 shares of Common Stock outstanding as of April 30, 2007, as reported by the Issuer in its Quarterly Report on Form 10-Q, dated as of May 10, 2007.

The foregoing should not be construed in and of itself as an admission by Millennium Management, Integrated Holding Group, Millennium International Management, Millennium International Management GP, or Mr. Englander as to beneficial ownership of the shares held by Millennium Partners, Millennium Equity Traders or Millenco, as the case may be.

(b) Millennium Partners may be deemed to hold shared power to vote and to dispose of the 125,000 shares of Common Stock described in (a) above. Millennium Equity Traders, Integrated Holding Group, Millennium International Management, and Millennium International Management GP may be deemed to hold shared power to

vote and to dispose of the 10,000 shares of Common Stock described in (a) above. Millenco may be deemed to hold shared power to vote and to dispose of the 101,978 shares of Common Stock described in (a) above. Mr. Englander and Millennium Management may be deemed to hold shared power to vote and to dispose of the 236,978 shares of Common Stock described in (a) above. The foregoing should not be construed in and of itself as an admission by Mr. Englander, Millennium Management, Integrated Holding Group, Millennium International Management, or Millennium International Management GP, as to beneficial ownership of the shares held by Millennium Partners, Millennium Equity Traders or Millenco as the case may be.

(c) Transactions in the Common Stock since July 9, 2007, the date that the Schedule 13D was filed with the SEC: Schedule A annexed hereto lists all transactions in the Common Stock by the Reporting Persons since July 9, 2007, the date that the Schedule 13D was filed with the SEC. Except where noted otherwise, all transactions in the Common Stock were effected by Millenco in the open market.

(d) No person other than the Reporting Persons is known to have the right to receive, or the power to direct the receipt of, dividends from, or proceeds from the sale of, the shares of Common Stock reported in this Statement.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

In connection with arrangements with its prime brokers, such prime brokers are permitted to lend securities in Millennium Partners, Millennium Equity Traders and Millenco's accounts (as the case may be) to the extent permitted by debit balances in such account. Millennium Partners, Millennium Equity Traders and Millenco (as the case may be) generally will not have any knowledge of the specific loans made by such prime brokers. In addition, in the ordinary course of business, Millennium Partners, Millennium Equity Traders and Millenco, as applicable (or its prime brokers), may borrow securities to satisfy delivery obligations arising from short sales and may lend securities to third parties and such loans generally may be recalled upon demand.

There are no other contracts, arrangements, understandings or relationships among the Reporting Persons, or between the Reporting Persons and any other person, with respect to the securities of the Issuer.

Item 7. Material to Be Filed as Exhibits.

Exhibit I: Joint Filing Agreement, dated as of July 27, 2007, by and among Millennium Partners, L.P., Millennium Equity Traders, Ltd., Integrated Holding Group, L.P., Millennium International Management, L.P., Millennium International Management GP, L.L.C., Millenco, L.L.C., Millennium Management, L.L.C. and Israel A. Englander.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: July 27, 2007

MILLENNIUM PARTNERS, L.P.

By: Millennium Management, L.L.C.
its managing partner

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

MILLENNIUM EQUITY TRADERS, LTD.

By: Millennium International Management, L.P.
as investment manager

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

INTEGRATED HOLDING GROUP, L.P.

By: Millennium Management, L.L.C.
its general partner

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

MILLENNIUM INTERNATIONAL MANAGEMENT, L.P.

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

MILLENNIUM INTERNATIONAL MANAGEMENT, GP, L.L.C.

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

MILLESCO, L.L.C.

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By: /s/ Mark Meskin
Name: Mark Meskin
Title: Chief Executive Officer

MILLENNIUM MANAGEMENT, L.L.C.

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

/s/ Israel A. Englander by Simon Lorne
pursuant to Power of Attorney filed with
the SEC on June 6, 2005
Israel A. Englander

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EXHIBIT I

JOINT FILING AGREEMENT

This will confirm the agreement by and among the undersigned that the Schedule 13D filed with the Securities and Exchange Commission on or about the date hereof with respect to the beneficial ownership by the undersigned of the Common Stock, no par value, of ADA-ES, Inc., a Colorado corporation, is being filed, and all amendments thereto will be filed, on behalf of each of the persons and entities named below in accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Dated: July 27, 2007

MILLENNIUM PARTNERS, L.P.

By: Millennium Management, L.L.C.
its managing partner

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

MILLENNIUM EQUITY TRADERS, LTD.

By: Millennium International Management, L.P.
as investment manager

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

INTEGRATED HOLDING GROUP, L.P.

By: Millennium Management, L.L.C.
its general partner

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

MILLENNIUM INTERNATIONAL MANAGEMENT, L.P.

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

MILLENNIUM INTERNATIONAL MANAGEMENT, GP, L.L.C.

By: /s/ Terry Feeney

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Name: Terry Feeney
Title: Chief Operating Officer

MILLENCO, L.L.C.

By: /s/ Mark Meskin
Name: Mark Meskin
Title: Chief Executive Officer

MILLENNIUM MANAGEMENT, L.L.C.

By: /s/ Terry Feeney
Name: Terry Feeney
Title: Chief Operating Officer

/s/ Israel A. Englander by Simon Lorne
pursuant to Power of Attorney filed with
the SEC on June 6, 2005
Israel A. Englander

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Schedule A

Transactions in the Common Stock since July 9, 2007, the date that the Schedule 13D was filed with the SEC:

Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/10/2007	-100	21.39
7/10/2007	-100	21.4989
7/11/2007	-200	21.4208
7/11/2007	-200	21.4208
7/11/2007	-100	21.45
7/11/2007	-100	21.47
7/12/2007	-400	20.8395
7/12/2007	-100	20.69
7/12/2007	-100	20.69
7/13/2007	100	20.5163
7/13/2007	-100	20.3
7/13/2007	100	20.18
7/16/2007	200	20.16
7/16/2007	100	20.1986
7/16/2007	100	20.2
7/16/2007	100	20.28
7/16/2007	100	20.18
7/16/2007	100	20.18
7/16/2007	100	20.18
7/16/2007	100	20.18
7/17/2007	100	20.14
7/17/2007	100	20.33
7/19/2007	-400	20.3833
7/19/2007	-100	20.33
7/19/2007	-100	20.48
7/20/2007	-100	20.04
7/20/2007	-100	20.4
7/23/2007	-100	19.8547
7/24/2007	100	18.43
7/24/2007	100	18.67
7/24/2007	100	18.9391
7/24/2007	100	18.9391
7/24/2007	100	18.43
7/25/2007	6	17.72
7/25/2007	94	17.8
7/25/2007	100	16.79
7/25/2007	100	16.79
7/25/2007	100	16.8
7/25/2007	100	16.8
7/25/2007	100	16.89
7/25/2007	100	16.9
7/25/2007	100	17.02

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Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/25/2007	100	17.02
7/25/2007	100	17.05
7/25/2007	100	17.09
7/25/2007	100	17.1
7/25/2007	100	17.17
7/25/2007	100	17.29
7/25/2007	100	17.29
7/25/2007	100	17.38
7/25/2007	100	17.39
7/25/2007	100	17.4
7/25/2007	100	17.4
7/25/2007	100	17.4
7/25/2007	100	17.4
7/25/2007	100	17.4
7/25/2007	100	17.43
7/25/2007	100	17.5
7/25/2007	200	16.89
7/25/2007	200	16.9
7/25/2007	100	16.94
7/25/2007	100	17.06
7/25/2007	100	17.07
7/25/2007	100	17.14
7/25/2007	100	17.15
7/25/2007	100	17.15
7/25/2007	100	17.3598
7/25/2007	100	17.4
7/25/2007	200	16.92
7/25/2007	200	16.96
7/26/2007	100	14.7
7/26/2007	100	14.75
7/26/2007	100	14.75
7/26/2007	100	14.75
7/26/2007	100	14.75
7/26/2007	100	14.75
7/26/2007	100	14.9
7/26/2007	100	15
7/26/2007	100	15
7/26/2007	100	15.17
7/26/2007	100	13.02
7/26/2007	100	13.02
7/26/2007	100	13.03
7/26/2007	100	13.03
7/26/2007	100	13.03
7/26/2007	100	13.03
7/26/2007	100	13.03
7/26/2007	100	13.03
7/26/2007	100	13.03

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Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/26/2007	200	13.03
7/26/2007	100	12.75
7/26/2007	100	12.77
7/26/2007	100	12.91
7/26/2007	100	13
7/26/2007	100	13.01
7/26/2007	100	13.01
7/26/2007	100	13.02
7/26/2007	100	13.8524
7/26/2007	100	14.94
7/26/2007	200	13.6196
7/26/2007	-100	14.05
7/26/2007	-2,900	14
7/26/2007	-2,847	13.72
7/26/2007	-2,800	13.5
7/26/2007	-2,600	14.34
7/26/2007	-2,343	14.5
7/26/2007	-2,300	13
7/26/2007	-2,200	13
7/26/2007	-2,157	14.5
7/26/2007	-1,700	15
7/26/2007	-1,700	15
7/26/2007	-1,653	13.72
7/26/2007	-1,600	14
7/26/2007	-1,197	15
7/26/2007	-1,000	13.49
7/26/2007	-1,000	13.5
7/26/2007	-900	13
7/26/2007	-900	14.61
7/26/2007	-900	14.63
7/26/2007	-900	14.75
7/26/2007	-900	14.75
7/26/2007	-900	14.75
7/26/2007	-900	14.75
7/26/2007	-897	15
7/26/2007	-700	14
7/26/2007	-699	13.7
7/26/2007	-600	15
7/26/2007	-543	14.5
7/26/2007	-535	15.36
7/26/2007	-500	12.77
7/26/2007	-500	13
7/26/2007	-500	13.5
7/26/2007	-500	13.55
7/26/2007	-500	14.75
7/26/2007	-500	15

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Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13
7/26/2007	-100	13.01
7/26/2007	-100	13.03
7/26/2007	-100	13.21
7/26/2007	-100	13.21
7/26/2007	-100	13.22
7/26/2007	-100	13.49
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.5
7/26/2007	-100	13.59
7/26/2007	-100	13.59
7/26/2007	-100	13.72
7/26/2007	-100	13.72
7/26/2007	-100	13.72
7/26/2007	-100	13.72
7/26/2007	-100	13.72
7/26/2007	-100	13.72
7/26/2007	-100	13.72
7/26/2007	-100	13.72
7/26/2007	-100	13.75
7/26/2007	-100	13.75
7/26/2007	-100	13.75
7/26/2007	-100	13.76
7/26/2007	-100	13.76
7/26/2007	-100	13.76
7/26/2007	-100	13.76

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Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/26/2007	-100	13.76
7/26/2007	-100	13.91
7/26/2007	-100	13.91
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14
7/26/2007	-100	14.01
7/26/2007	-100	14.02
7/26/2007	-100	14.03
7/26/2007	-100	14.05
7/26/2007	-100	14.05
7/26/2007	-100	14.05
7/26/2007	-100	14.05
7/26/2007	-100	14.05
7/26/2007	-100	14.05
7/26/2007	-100	14.05
7/26/2007	-100	14.06
7/26/2007	-100	14.06
7/26/2007	-100	14.06
7/26/2007	-100	14.19
7/26/2007	-100	14.19
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.25
7/26/2007	-100	14.26
7/26/2007	-100	14.26
7/26/2007	-100	14.26
7/26/2007	-100	14.26
7/26/2007	-100	14.3
7/26/2007	-100	14.3
7/26/2007	-100	14.3
7/26/2007	-100	14.34
7/26/2007	-100	14.34
7/26/2007	-100	14.34
7/26/2007	-100	14.34
7/26/2007	-100	14.35
7/26/2007	-100	14.5
7/26/2007	-100	14.5
7/26/2007	-100	14.5
7/26/2007	-100	14.5

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Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.75
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.78
7/26/2007	-100	14.79
7/26/2007	-100	14.87
7/26/2007	-100	14.87
7/26/2007	-100	14.87
7/26/2007	-100	14.9
7/26/2007	-100	14.9
7/26/2007	-100	14.9
7/26/2007	-100	14.92
7/26/2007	-100	14.92
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15
7/26/2007	-100	15.01
7/26/2007	-100	15.05
7/26/2007	-100	15.05

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Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.05
7/26/2007	-100	15.06
7/26/2007	-100	15.06
7/26/2007	-100	15.06
7/26/2007	-100	15.06
7/26/2007	-100	15.06
7/26/2007	-100	15.06
7/26/2007	-100	15.06
7/26/2007	-100	15.06
7/26/2007	-100	15.2
7/26/2007	-100	15.2
7/26/2007	-100	15.21
7/26/2007	-100	15.21
7/26/2007	-100	15.21
7/26/2007	-100	15.21
7/26/2007	-100	15.21
7/26/2007	-100	15.21
7/26/2007	-100	15.25
7/26/2007	-100	15.35
7/26/2007	-100	15.35
7/26/2007	-100	15.35
7/26/2007	-100	15.36
7/26/2007	-100	16.18
7/26/2007	-100	16.18
7/26/2007	-100	16.24
7/26/2007	-100	16.24
7/26/2007	-50	14.75
7/26/2007	-50	14.75
7/26/2007	-47	13.72
7/26/2007	-45	13
7/26/2007	-42	16.18
7/27/2007 (i)	10,000	13.7619
7/27/2007	100	13.47
7/27/2007	100	13.48
7/27/2007	100	13.12
7/27/2007	100	13.16

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Date of Transaction	Quantity Purchased (Sold)	Price Per Share \$
7/27/2007	100	13.16
7/27/2007	100	13.16
7/27/2007	100	13.17
7/27/2007	100	13.17
7/27/2007	100	13.27
7/27/2007	100	13.28

Notes:

(i) Purchase of Common Stock effected by Millennium Equity Traders, Ltd. in the open market. All of the remaining transactions were effected by Millenco, L.L.C. in the open market.